

**APPENDIX J**  
**AREA CONCEPTUAL SITE MODELS AND HAZARD TABLES**

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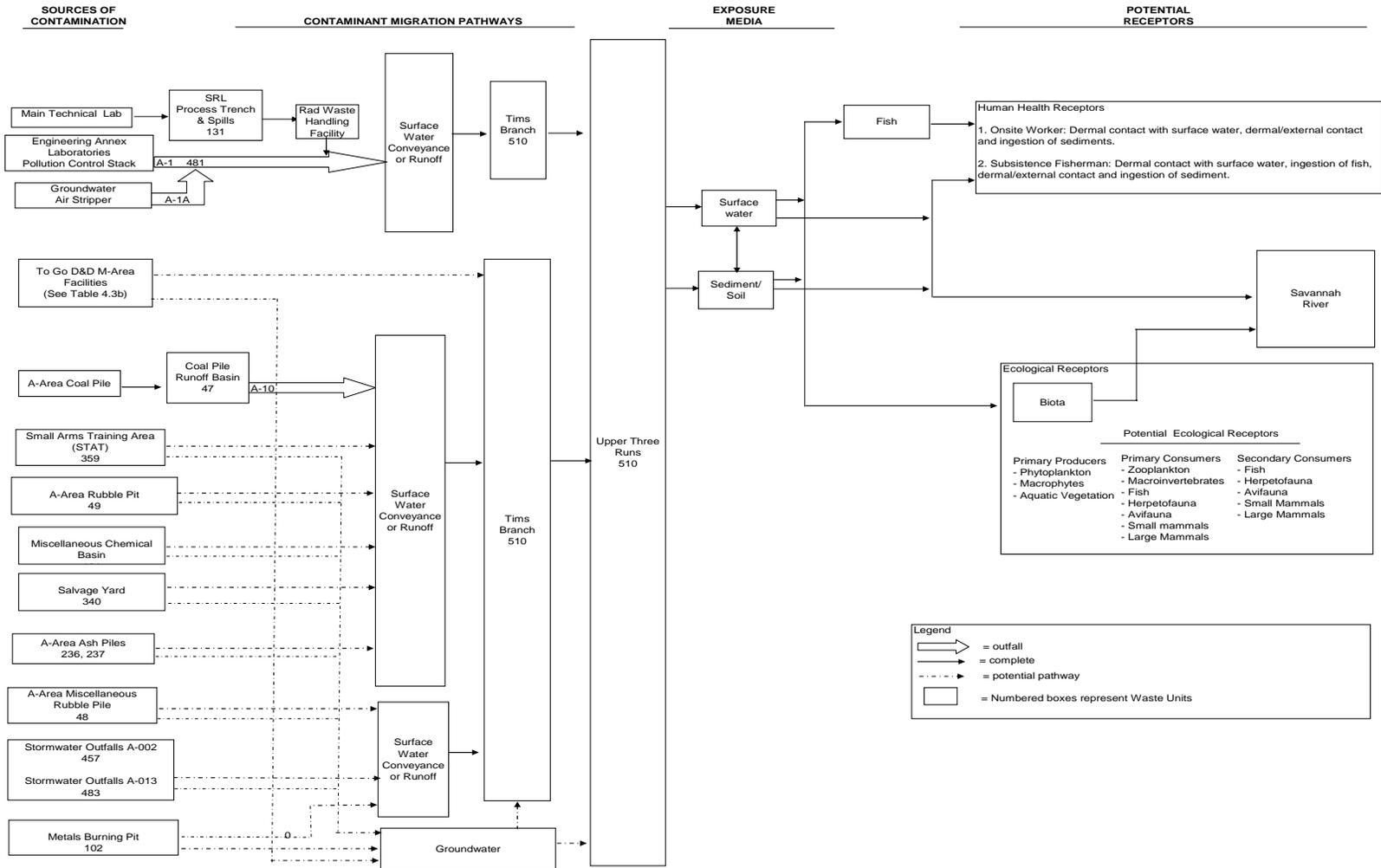


Figure 4.7b.1 A Area CSM for Upper Three Runs

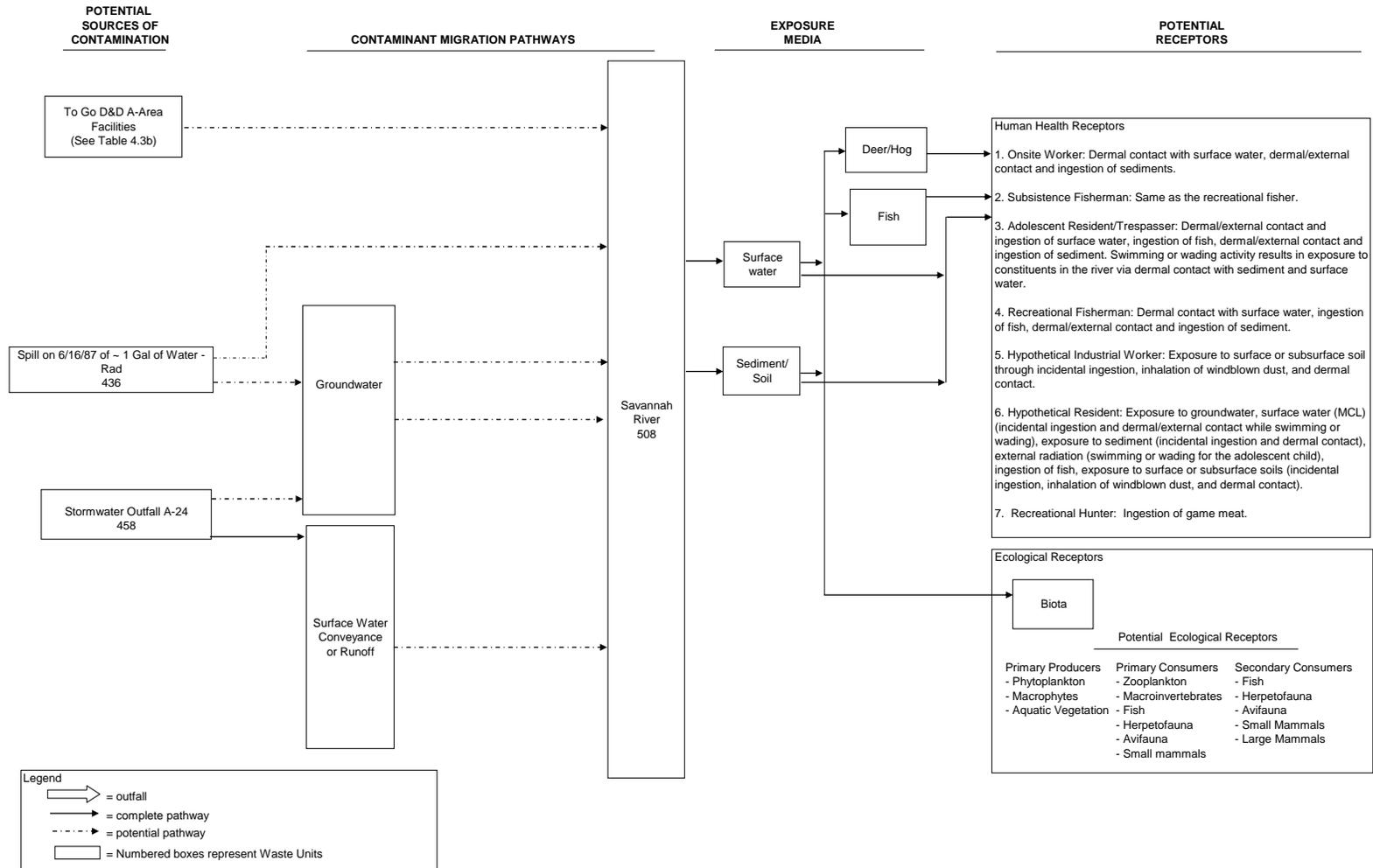


Figure 4.7b.2 A Area CSM for Savannah River and Floodplain Swamp

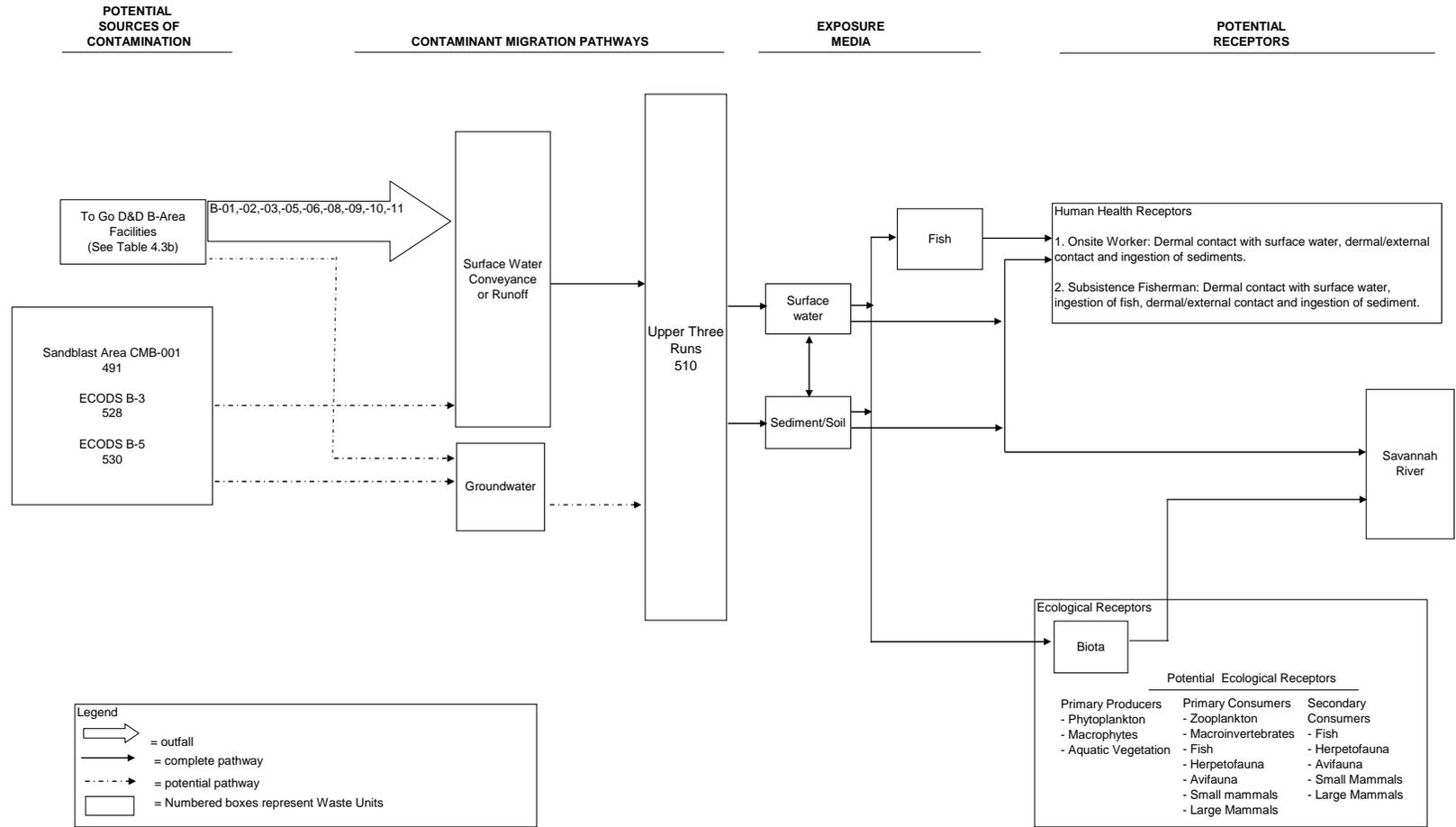


Figure 4.8b B Area CSM for Upper Three Runs

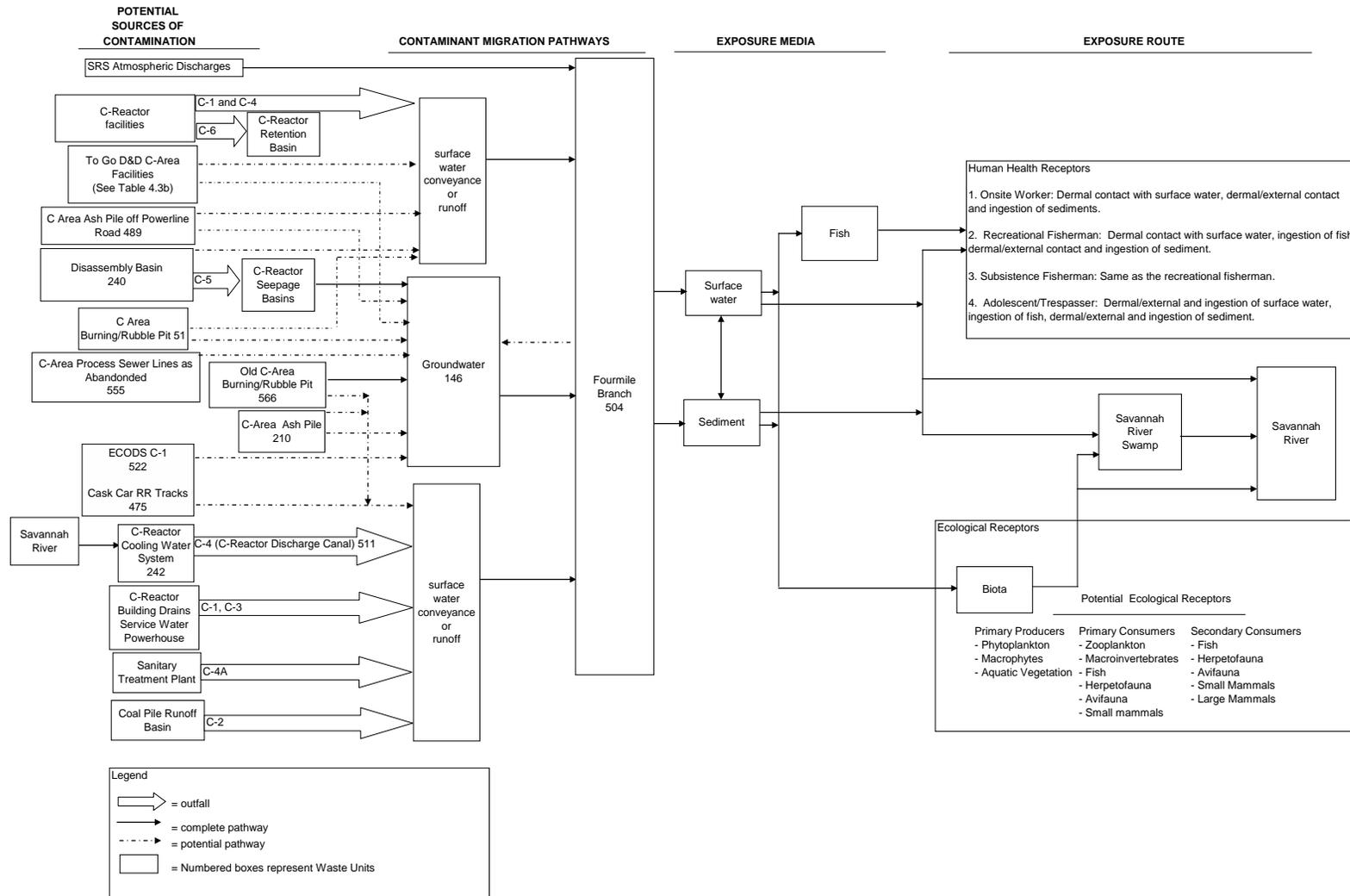


Figure 4.9b C-Area CSM for Fourmile Branch

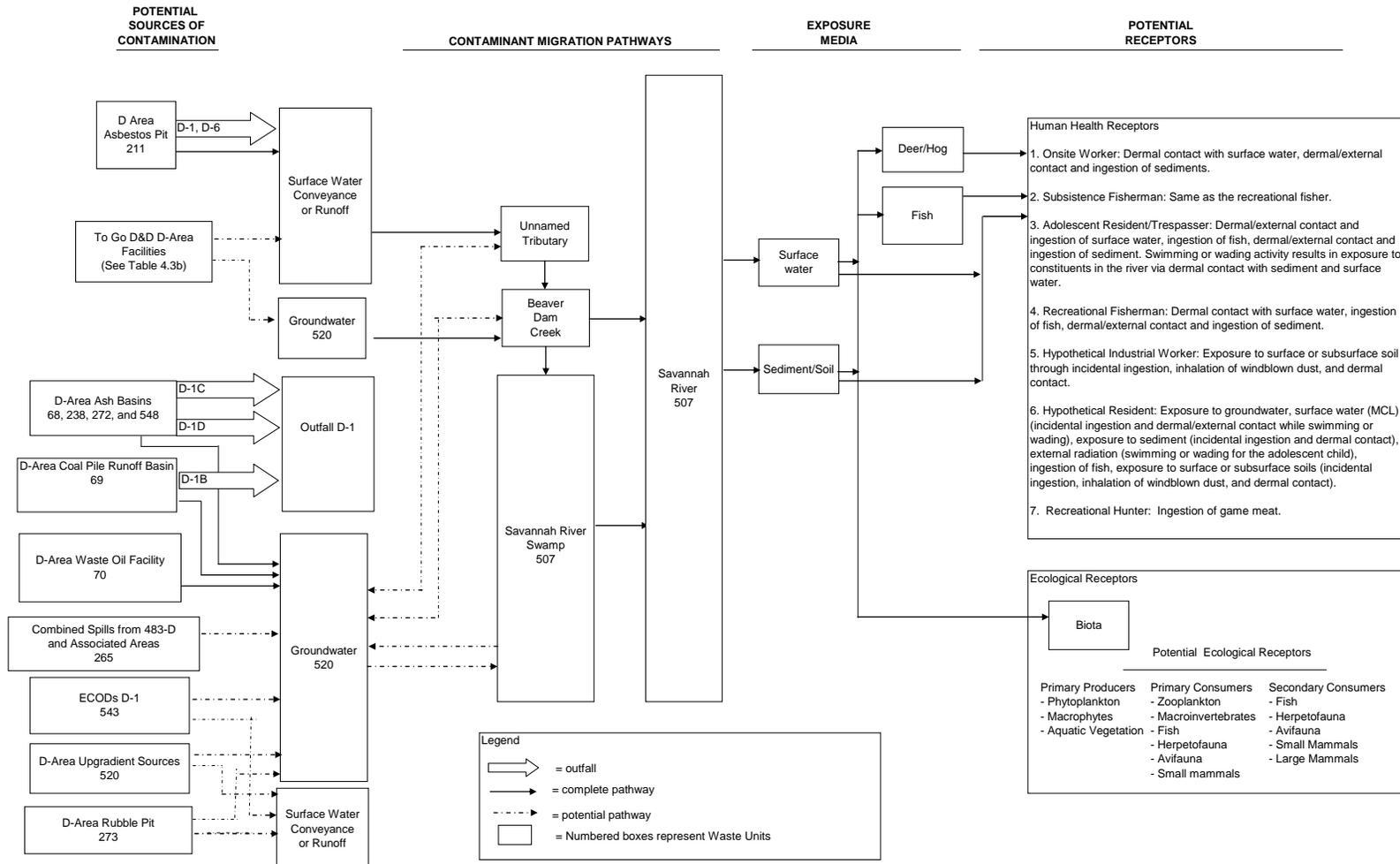


Figure 4.10b D Area CSM for Savannah River and Floodplain Swamp

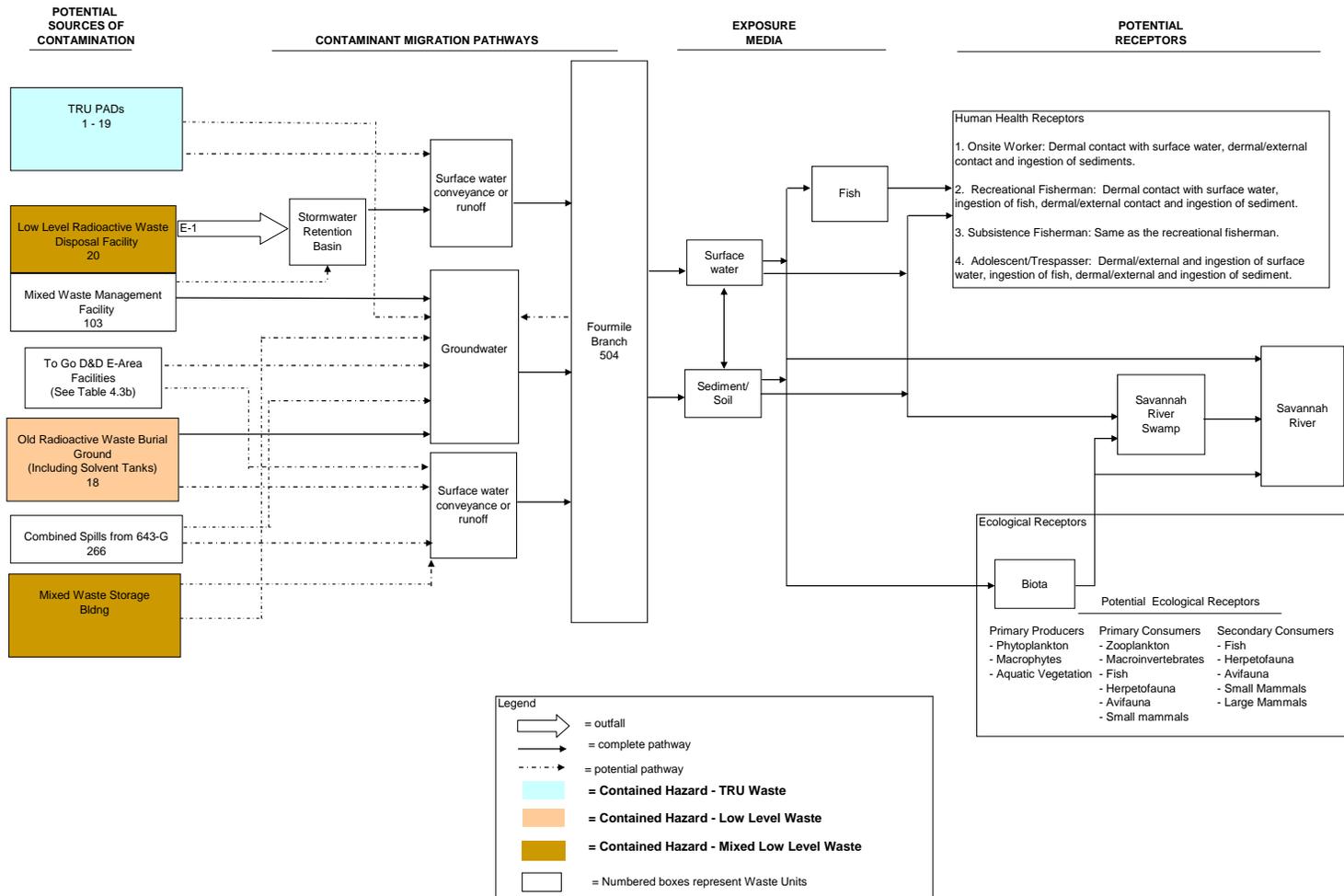


Figure 4.11b.1 E-Area CSM for Fourmile Branch

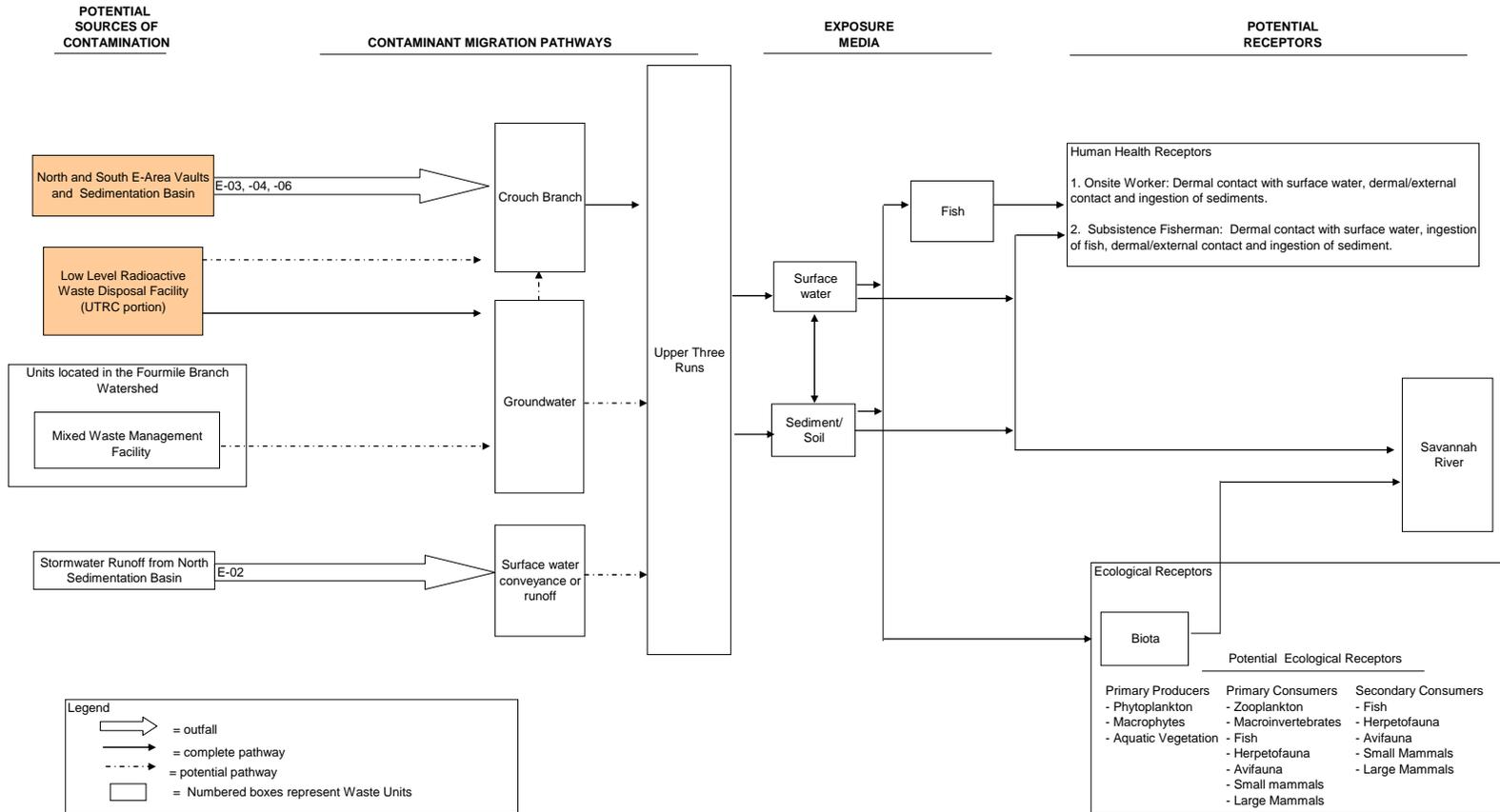


Figure 4.11b.2 E-Area CSM for Upper Three Runs

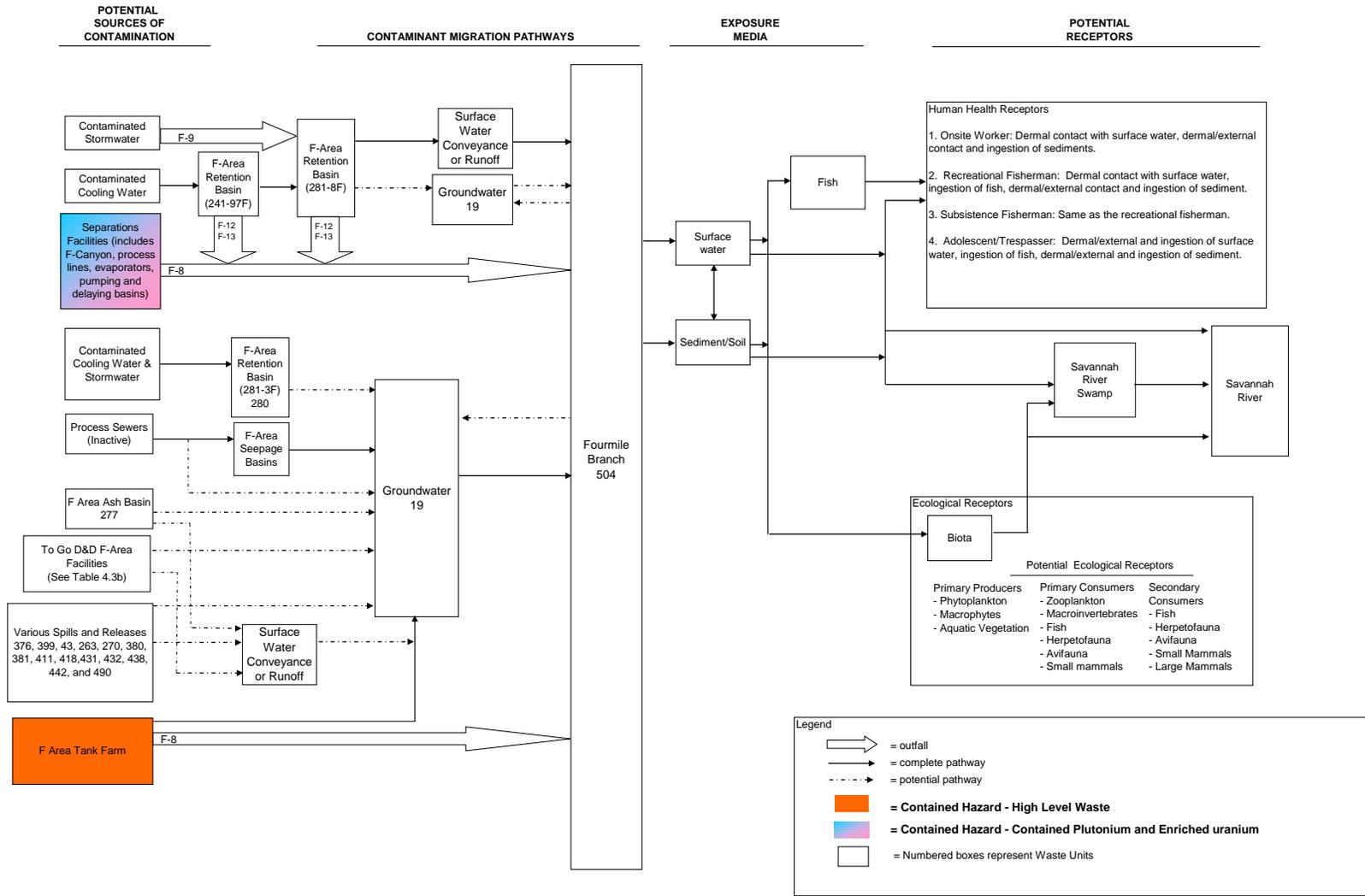


Figure 4.12b.1. F-Area CSM for Fourmile Branch

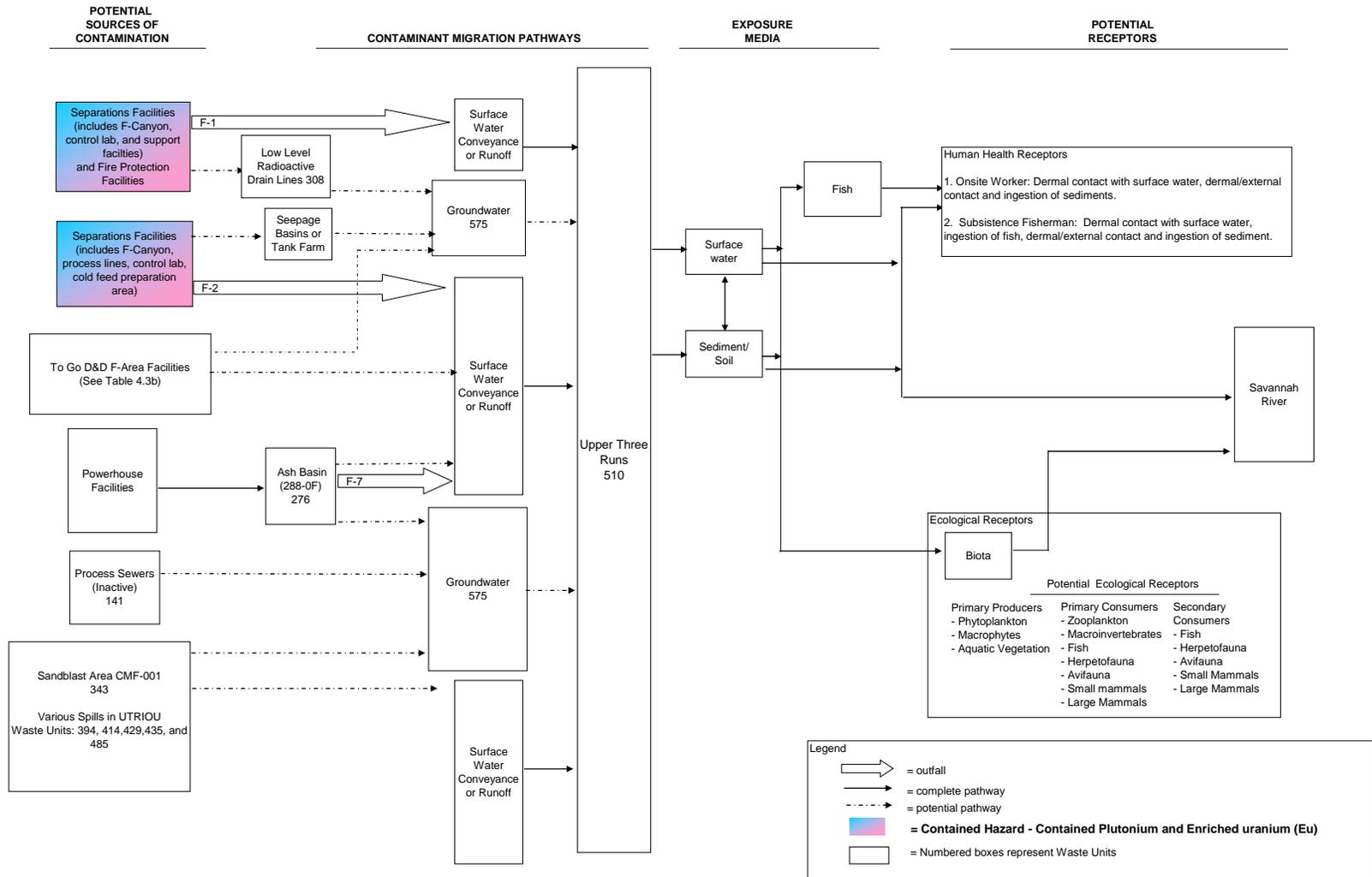


Figure 4.12b.2. F-Area CSM for Upper Three Runs

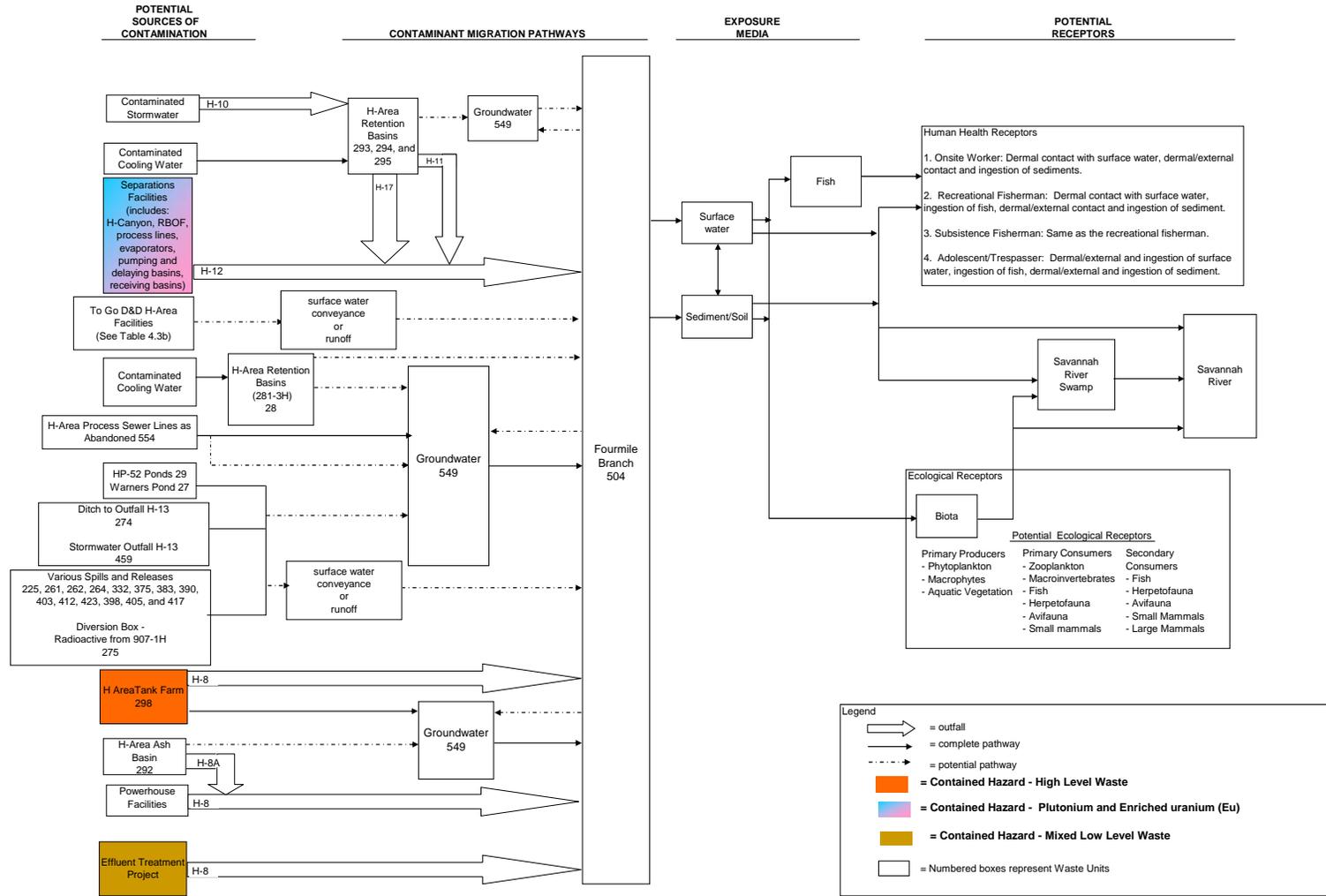


Figure 4.13b.1 H-Area CSM for Fourmile Branch

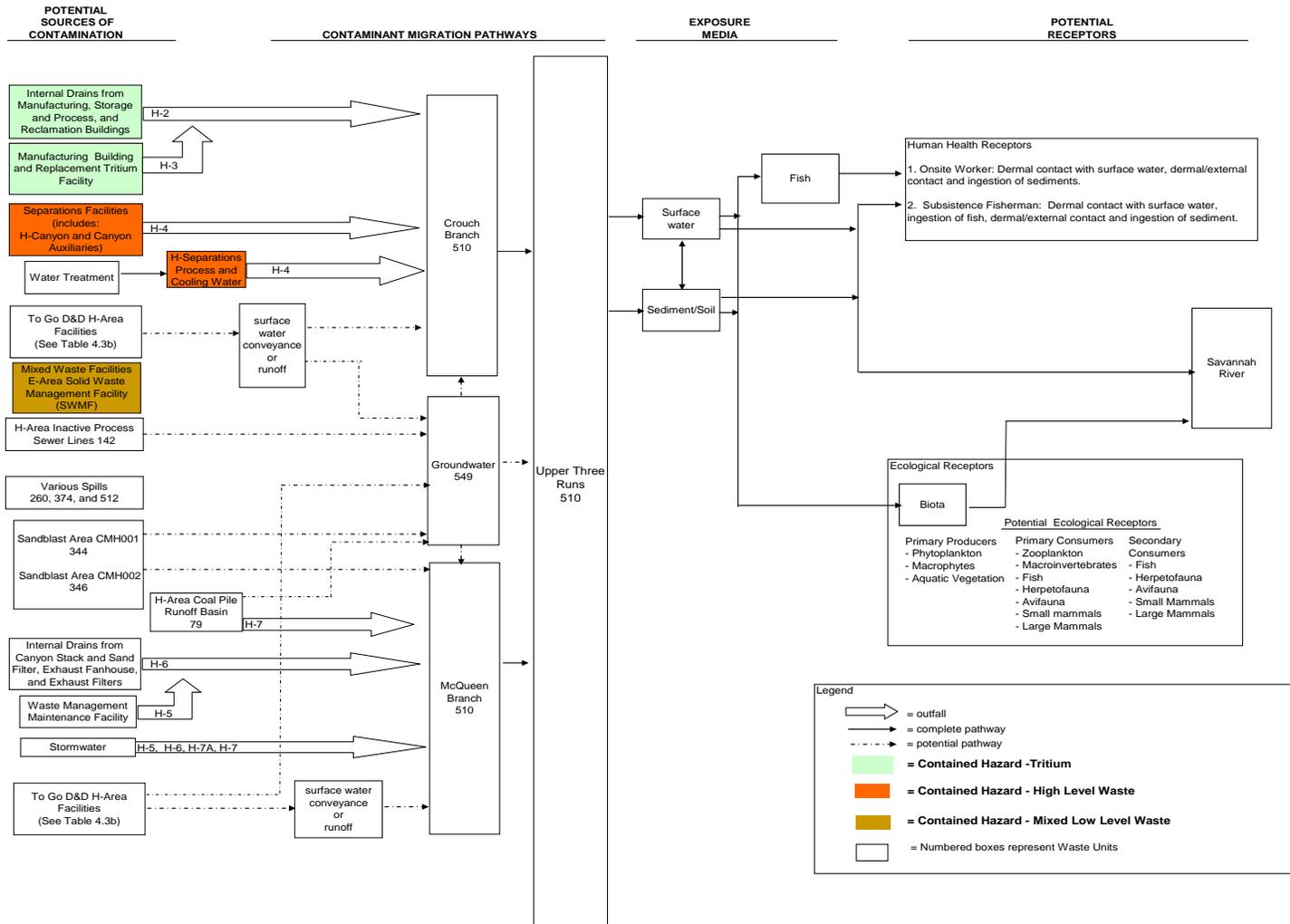


Figure 4.13b.2. H-Area CSM for Upper Three Runs

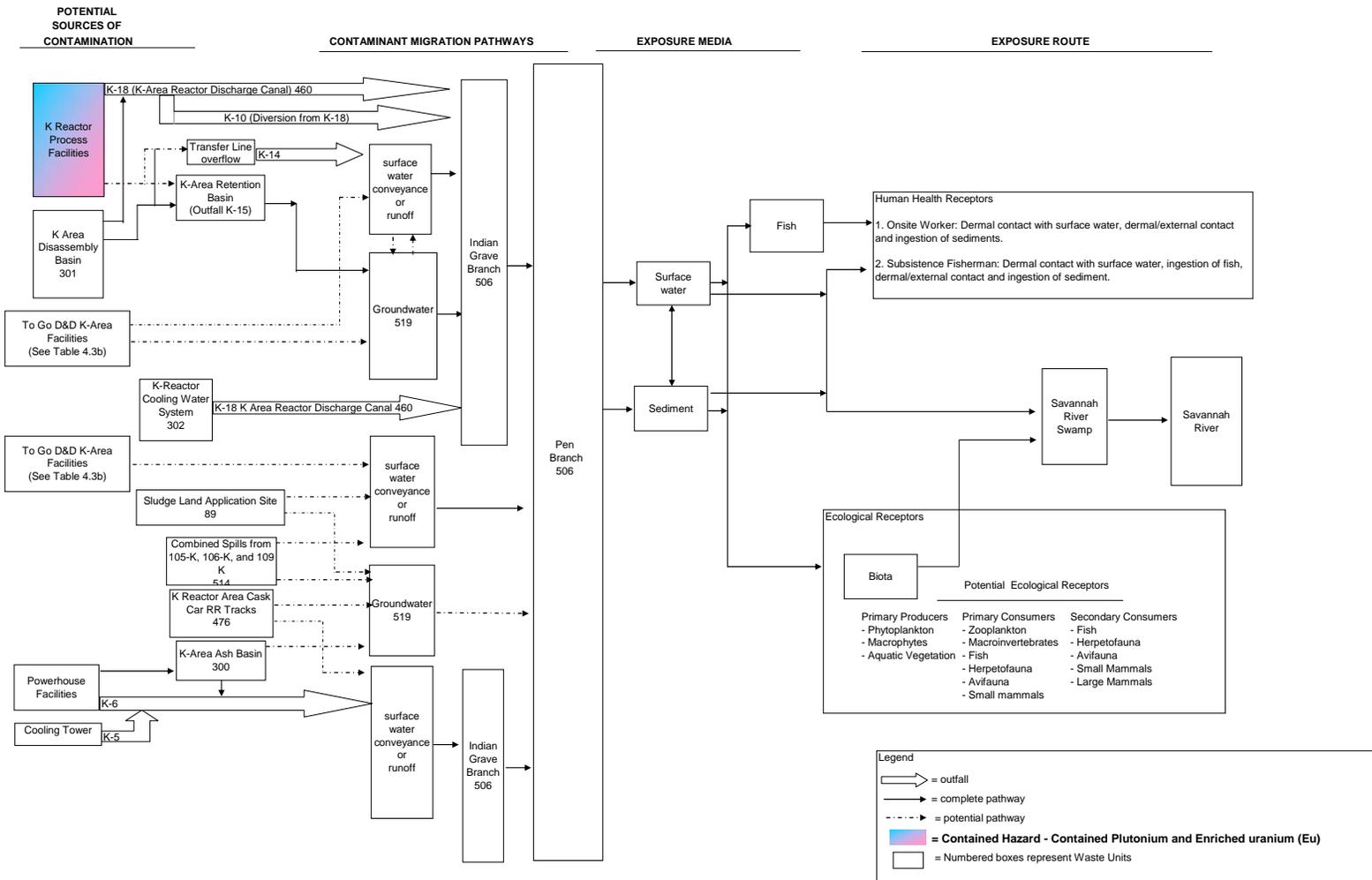


Figure 4.14b K-Area CSM for Pen Branch

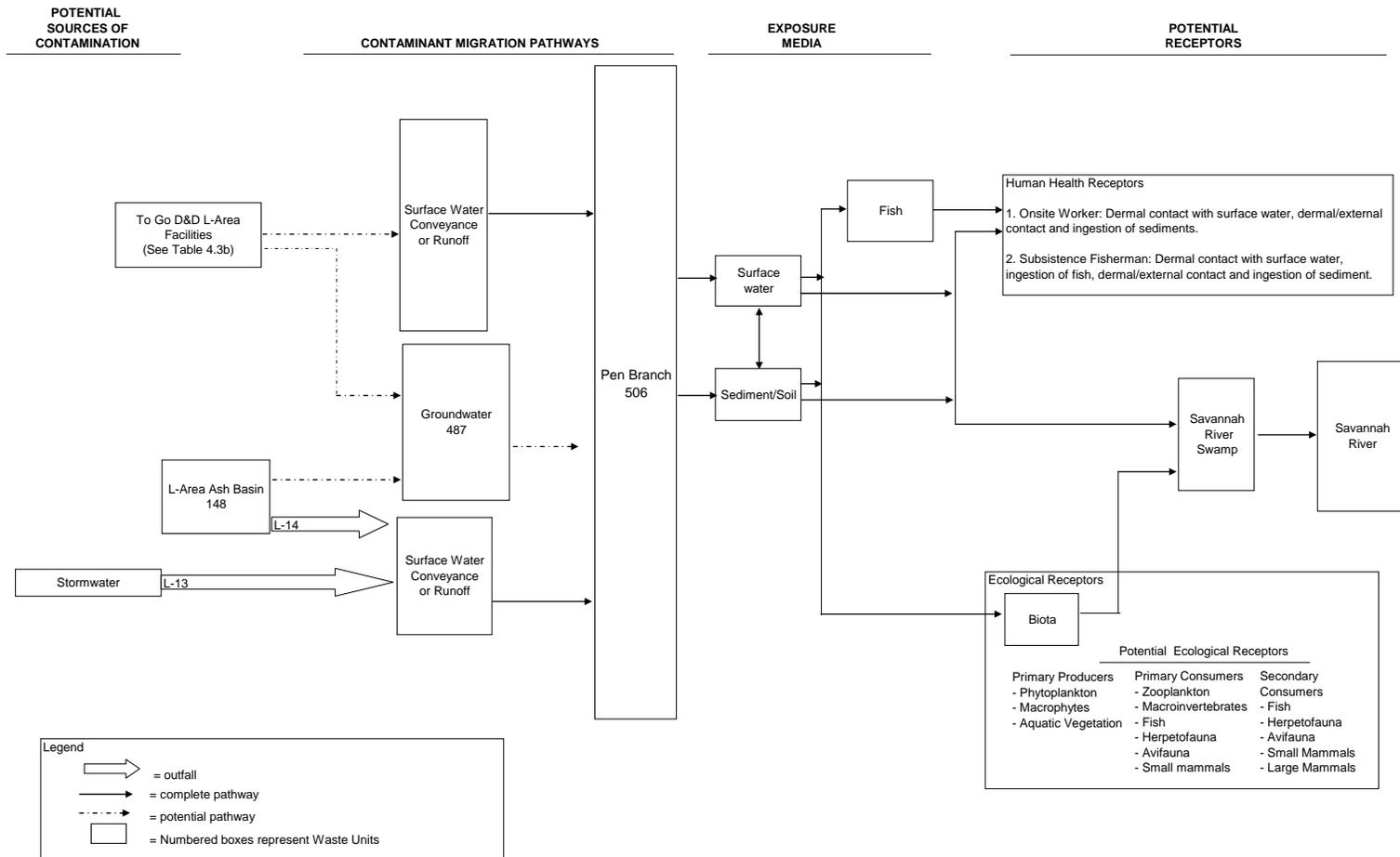


Figure 4.15b.1 L-Area CSM for Pen Branch

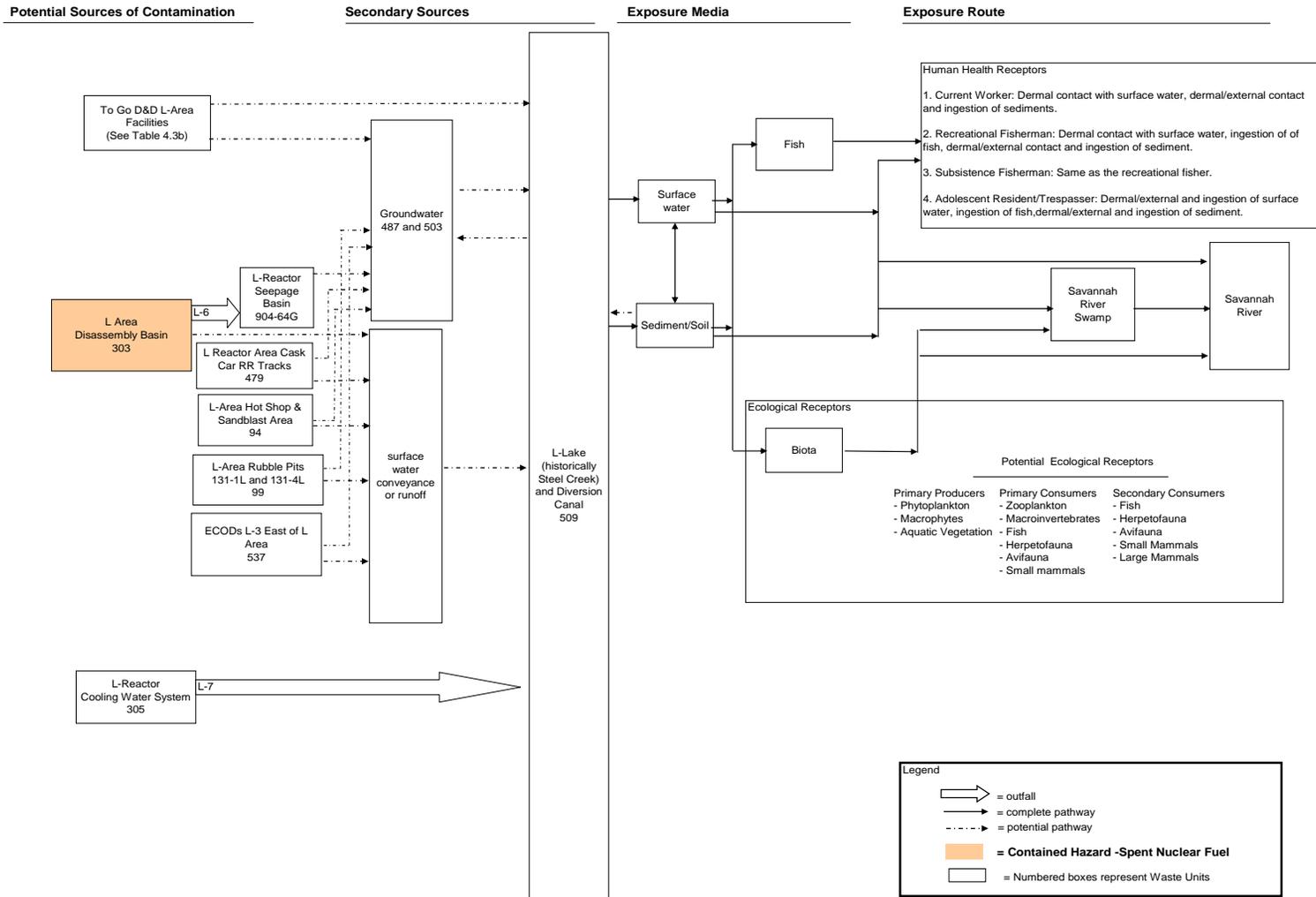


Figure 4.15b.2. L Area CSM for Steel Creek

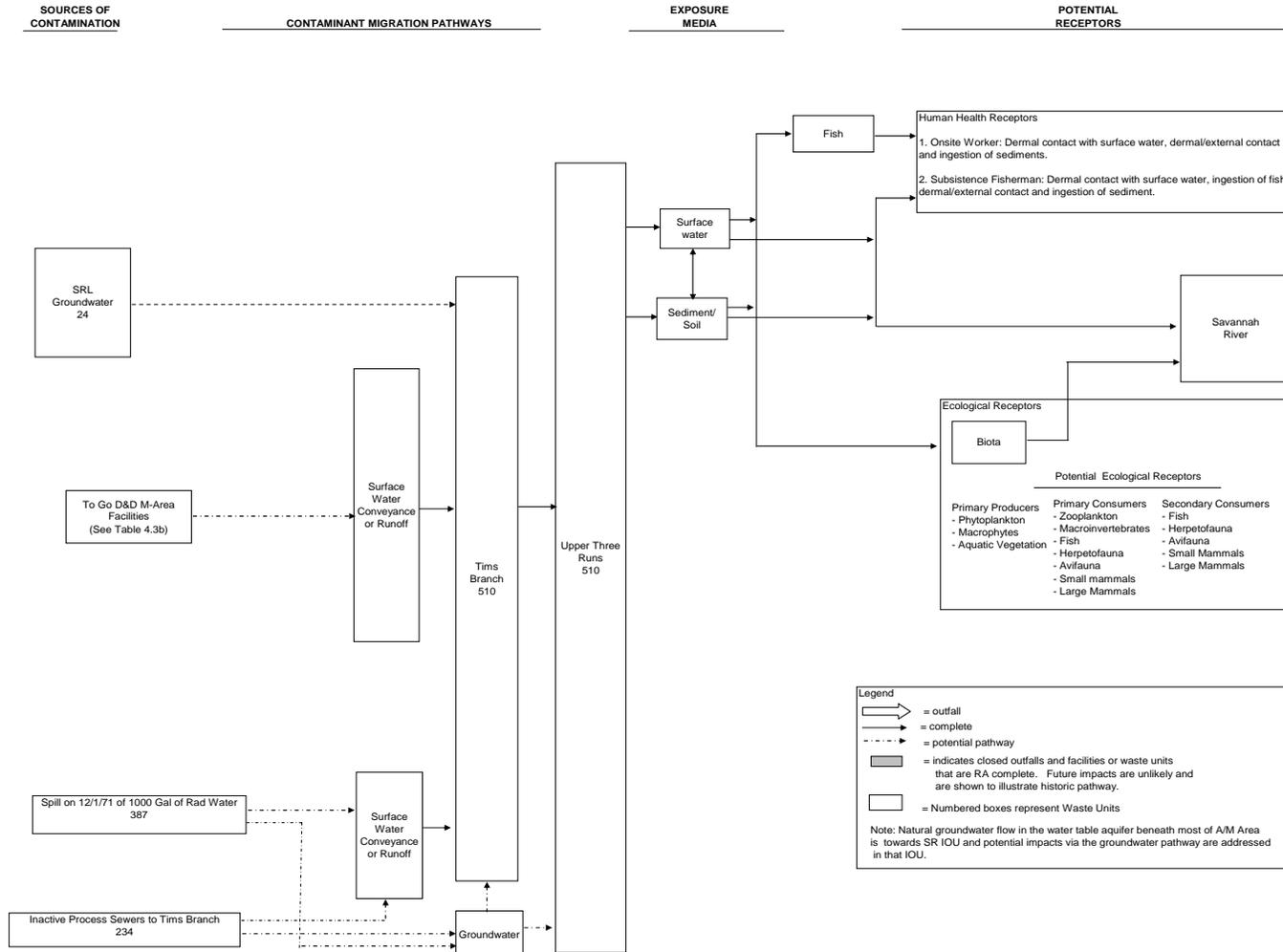


Figure 4.16b.1 M Area CSM for Upper Three Runs

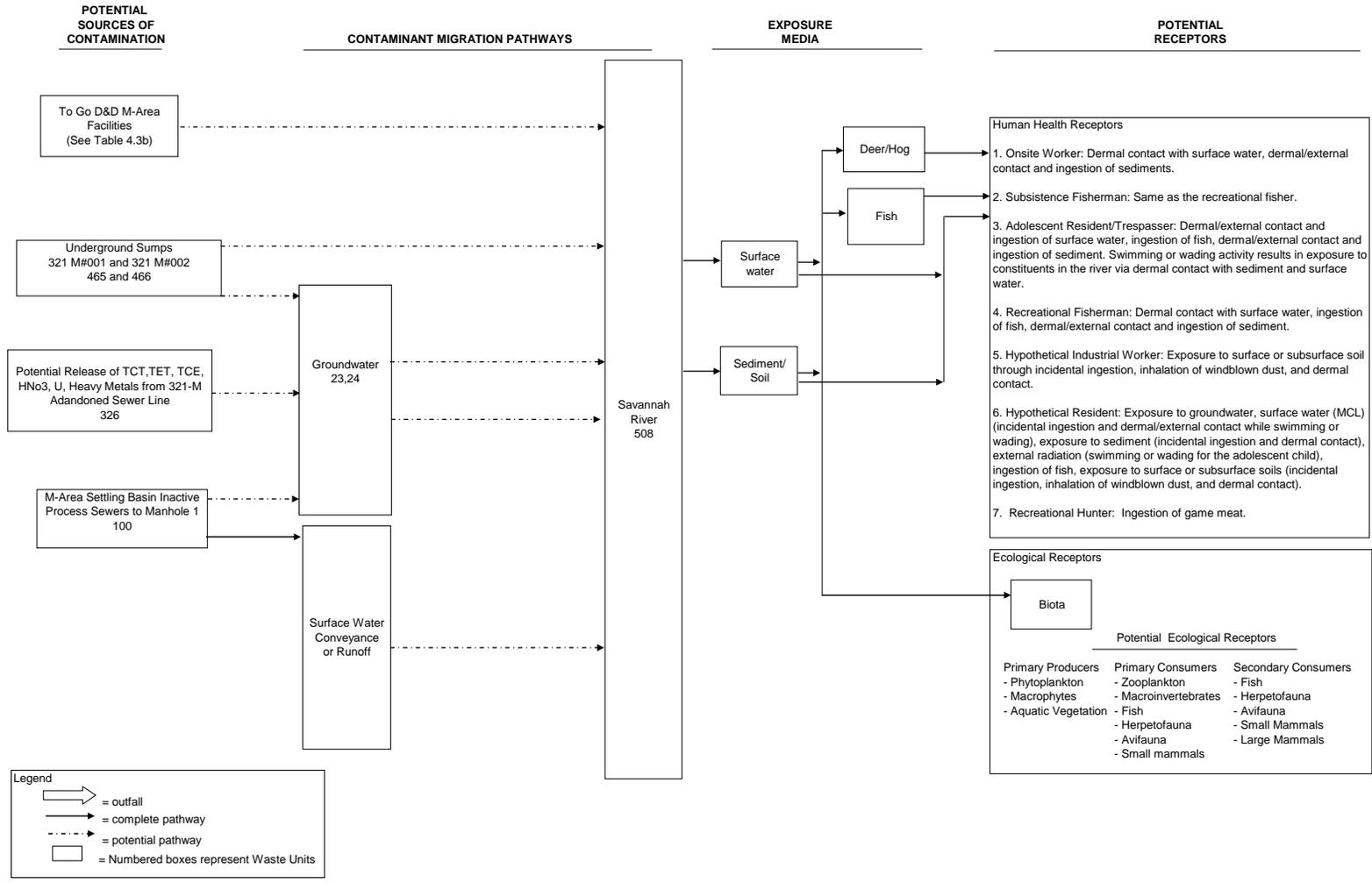


Figure 4.16b.2 M Area CSM for Savannah River and Floodplain Swamp

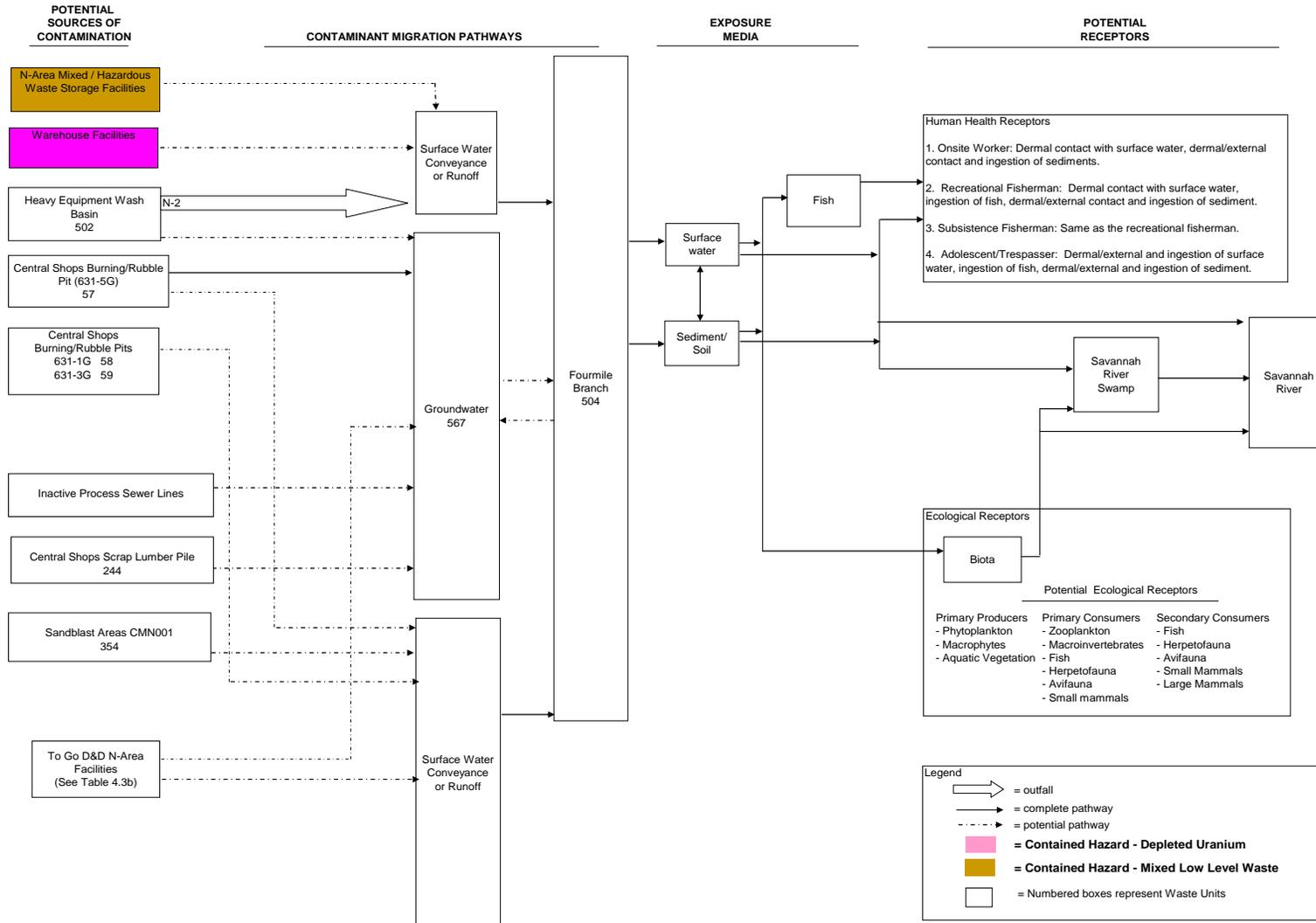


Figure 4.17b.1 N-Area CSM for Fourmile Branch

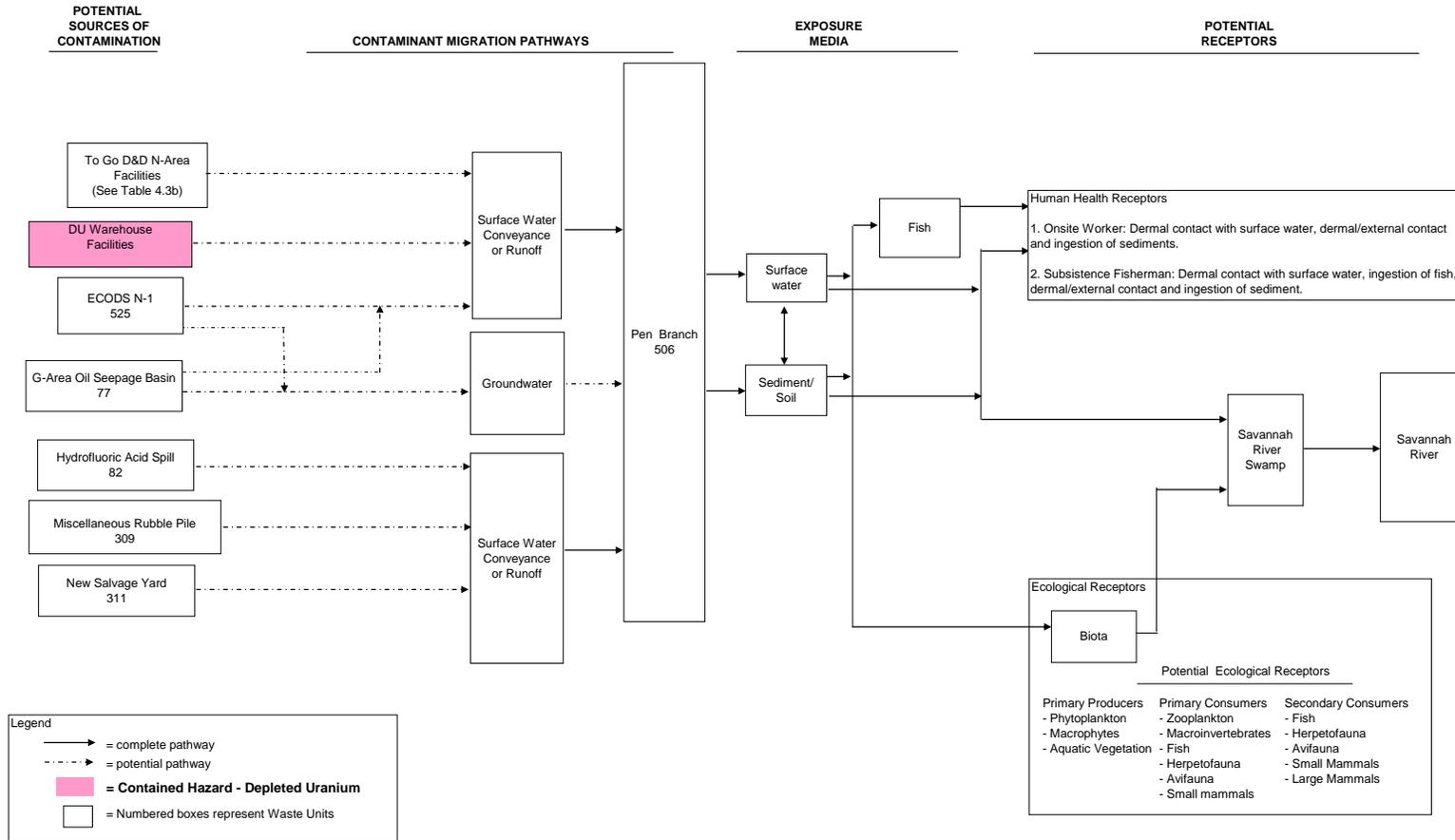


Figure 4.17b.2. N-Area CSM for Pen Branch

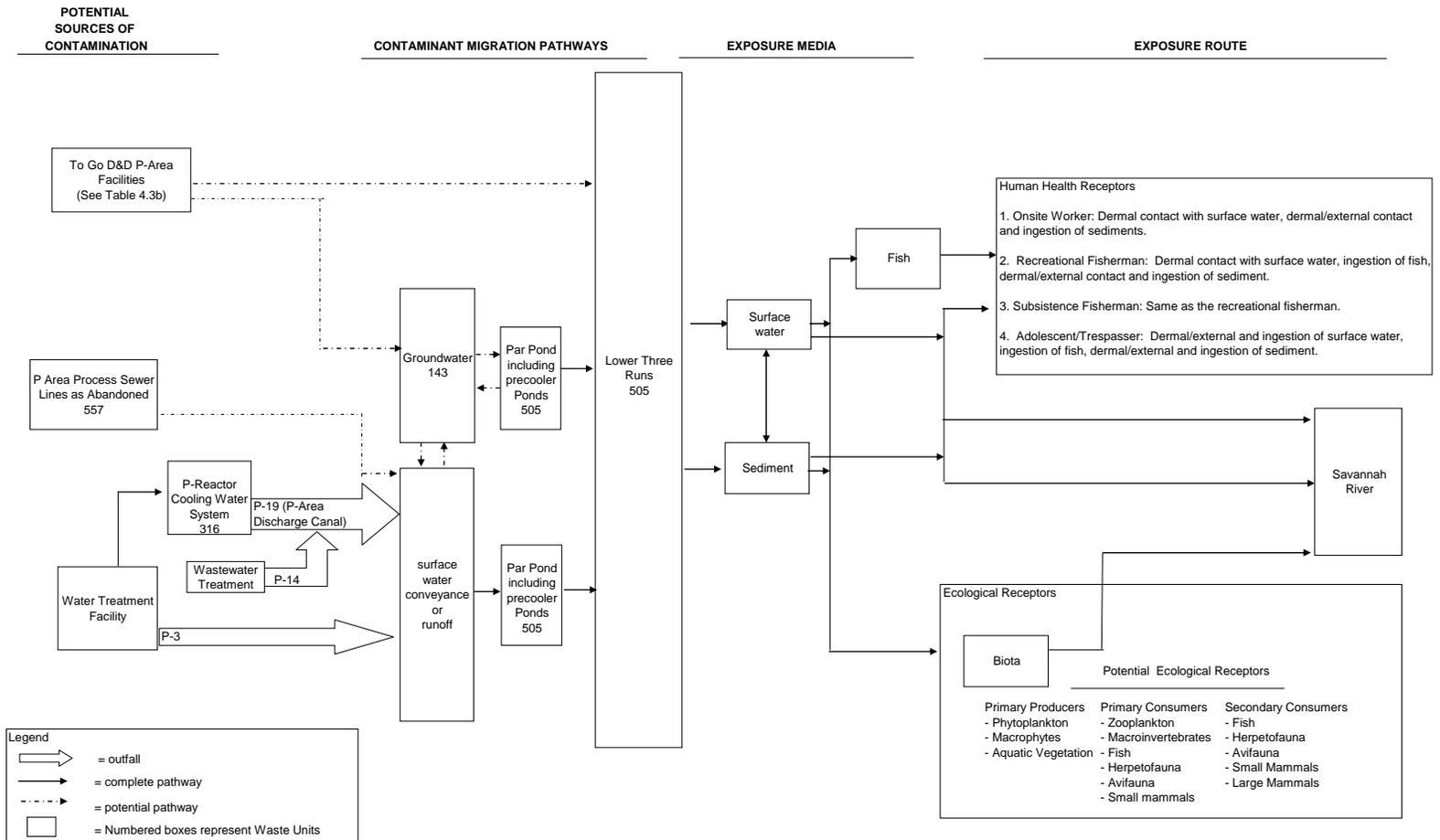


Figure 4.18b.1 P Area CSM for Lower Three Runs

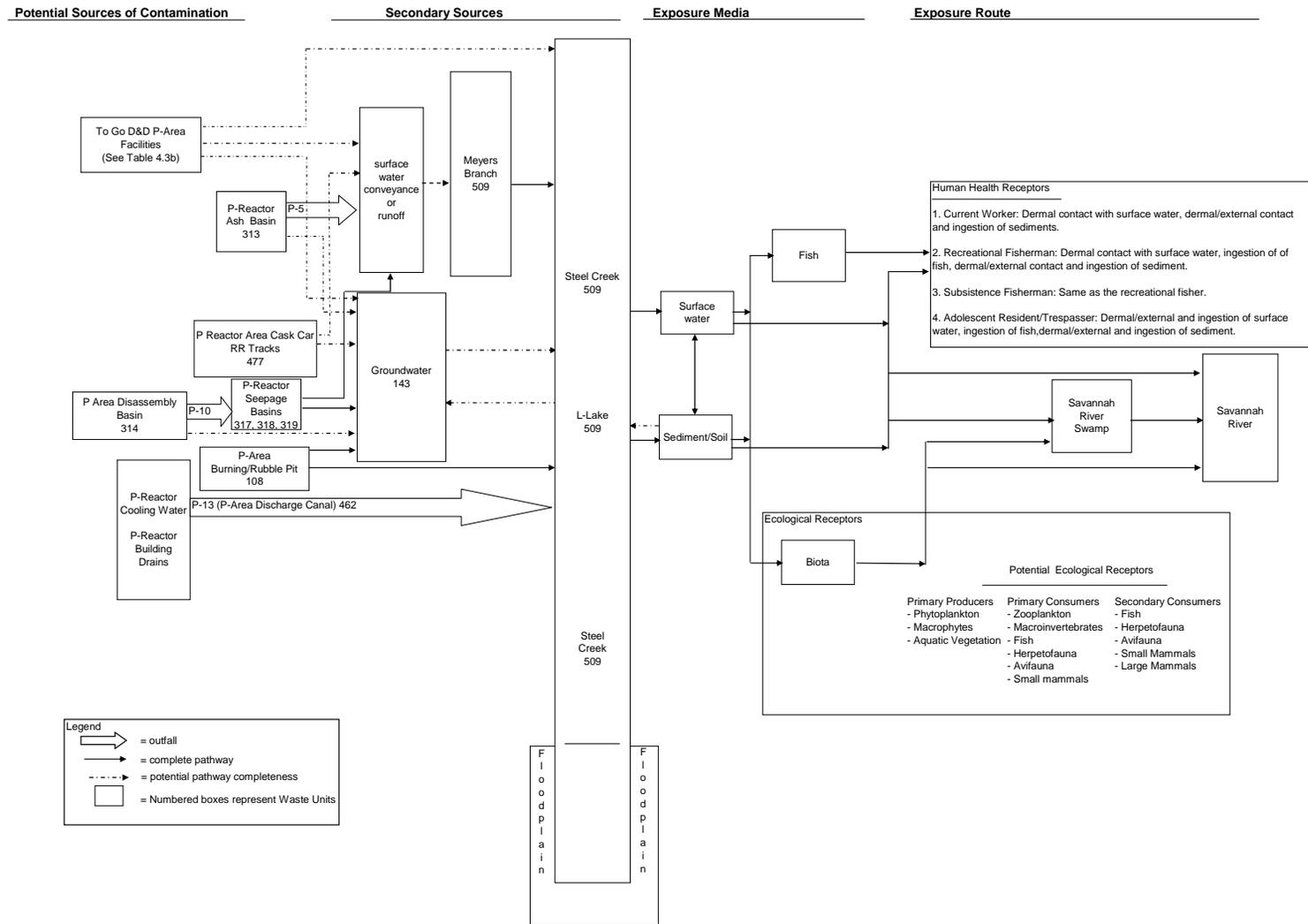


Figure 4.18b.2 P Area CSM for Steel Creek

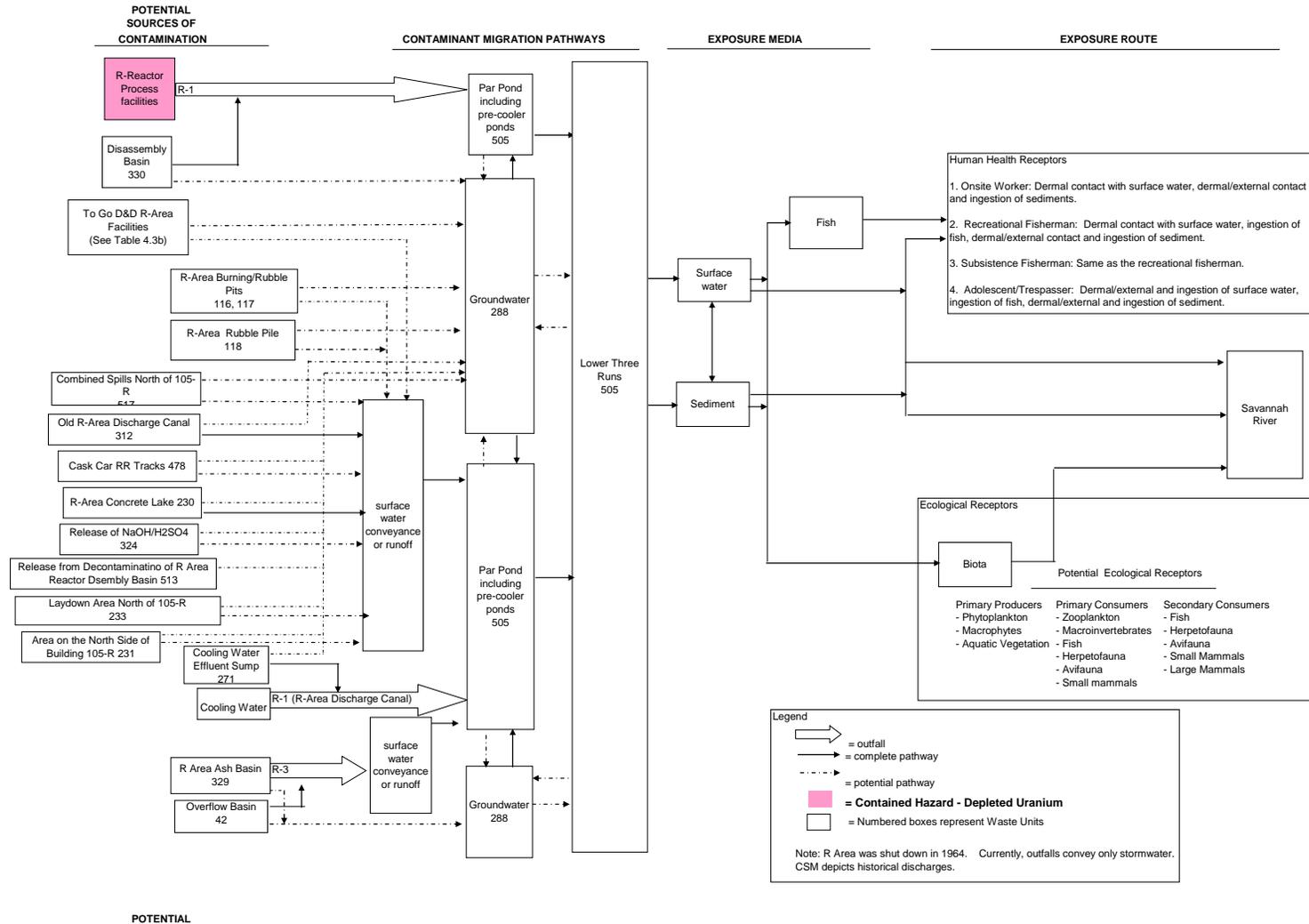


Figure 4.19b.1 R Area CSM for Lower Three Runs

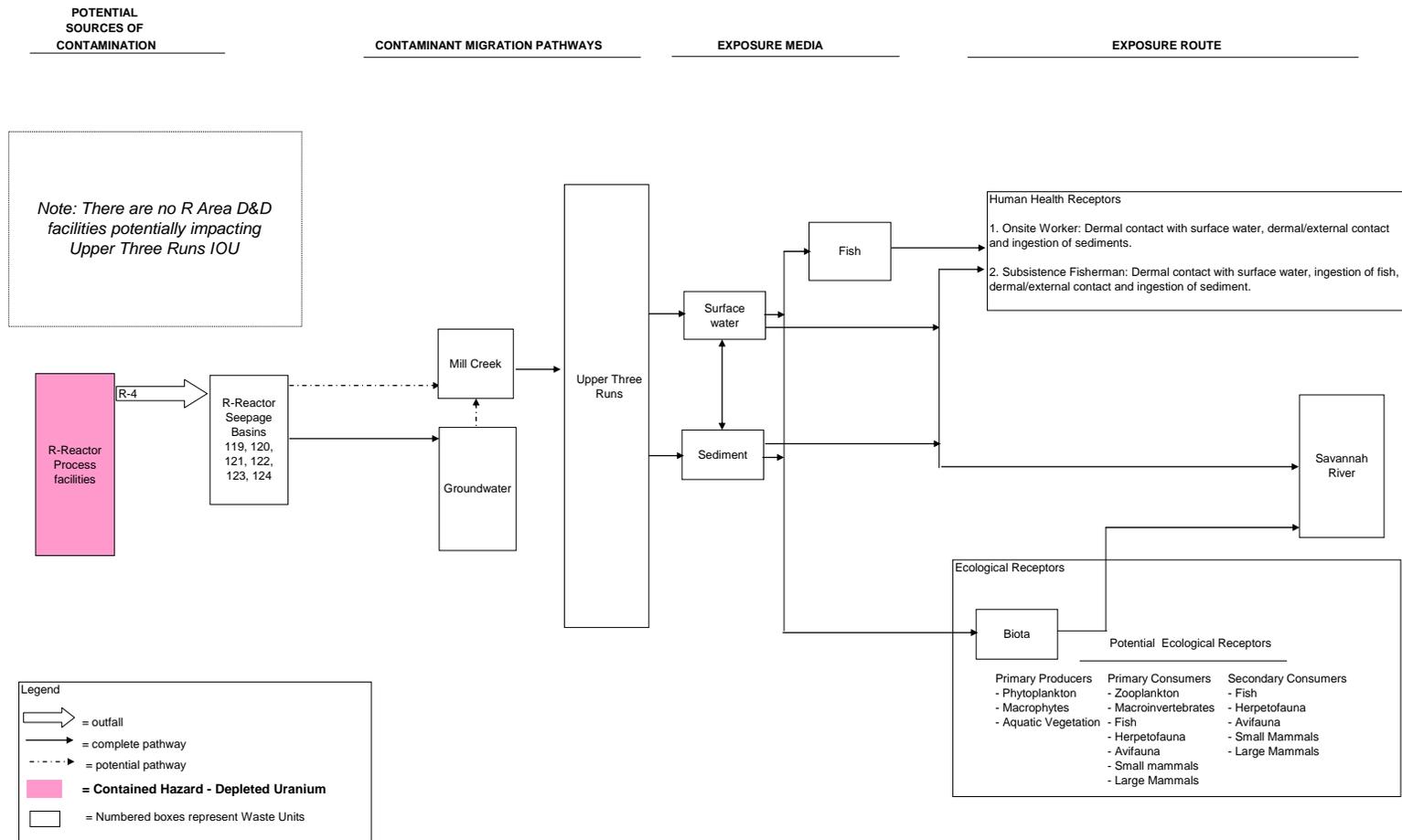
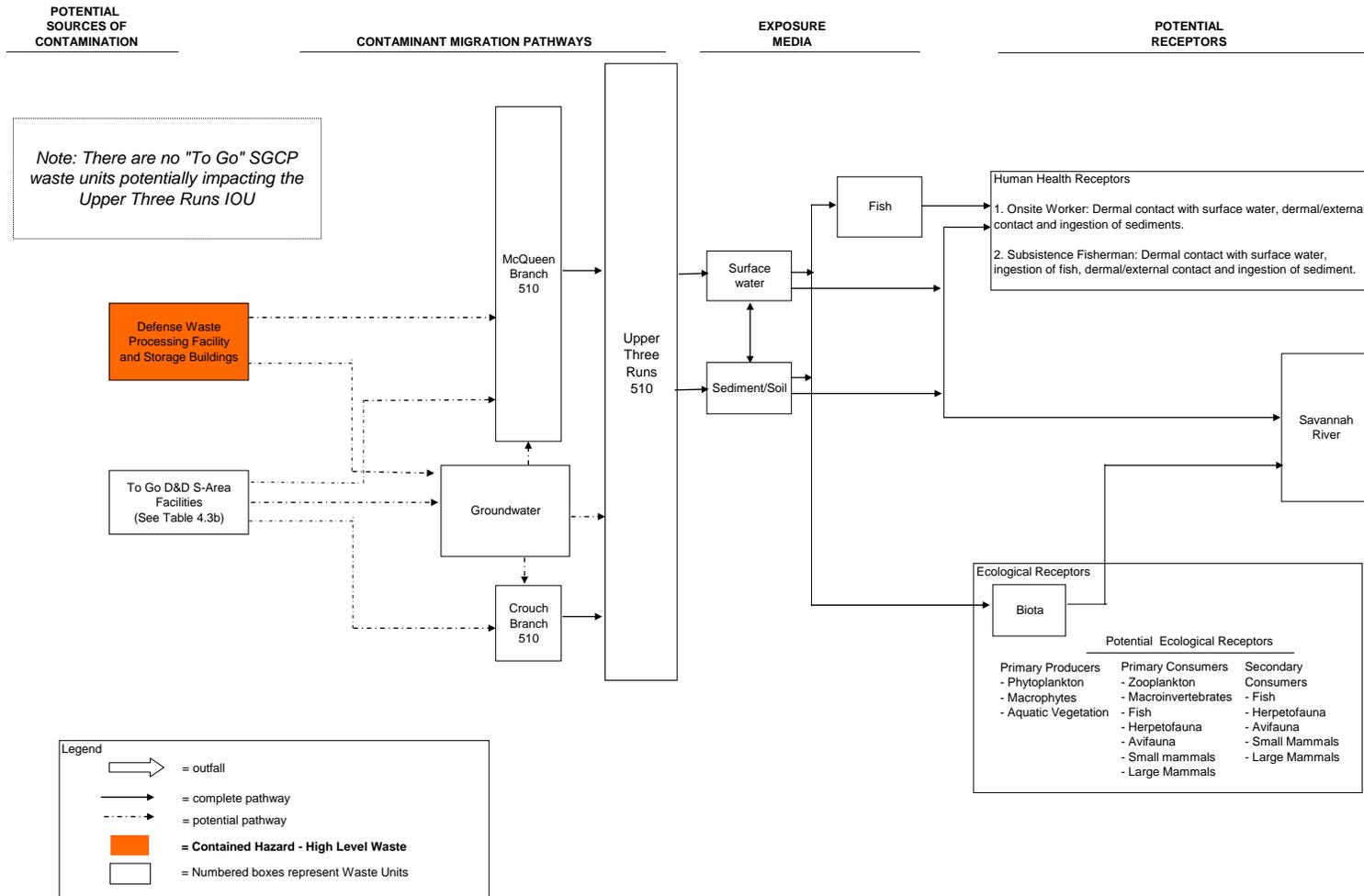


Figure 4.19b.2 R Area CSM for Upper Three Runs



**Figure 4.20b S Area CSM for Upper Three Runs**

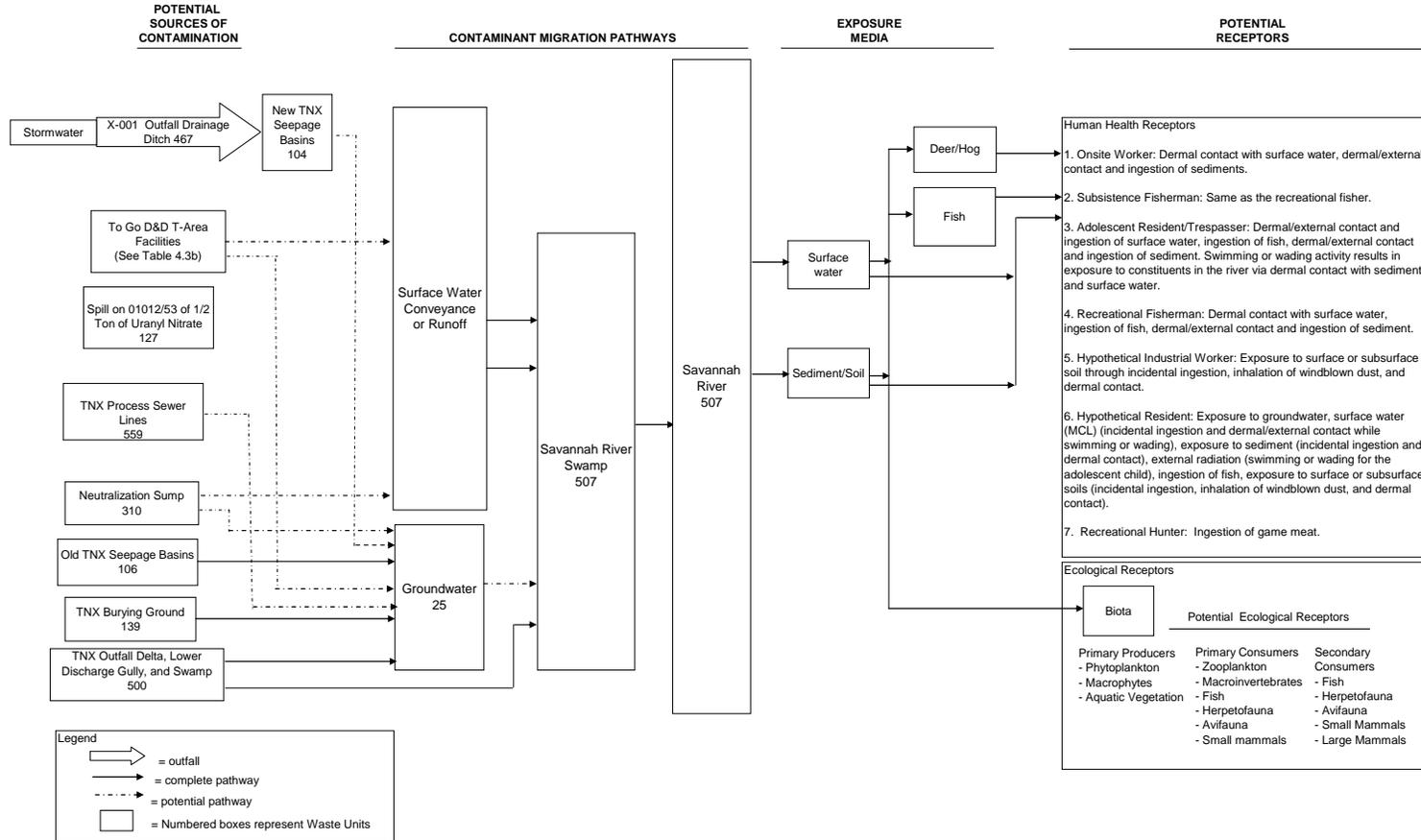


Figure 4.21b T-Area CSM for Savannah River and Floodplain Swamp

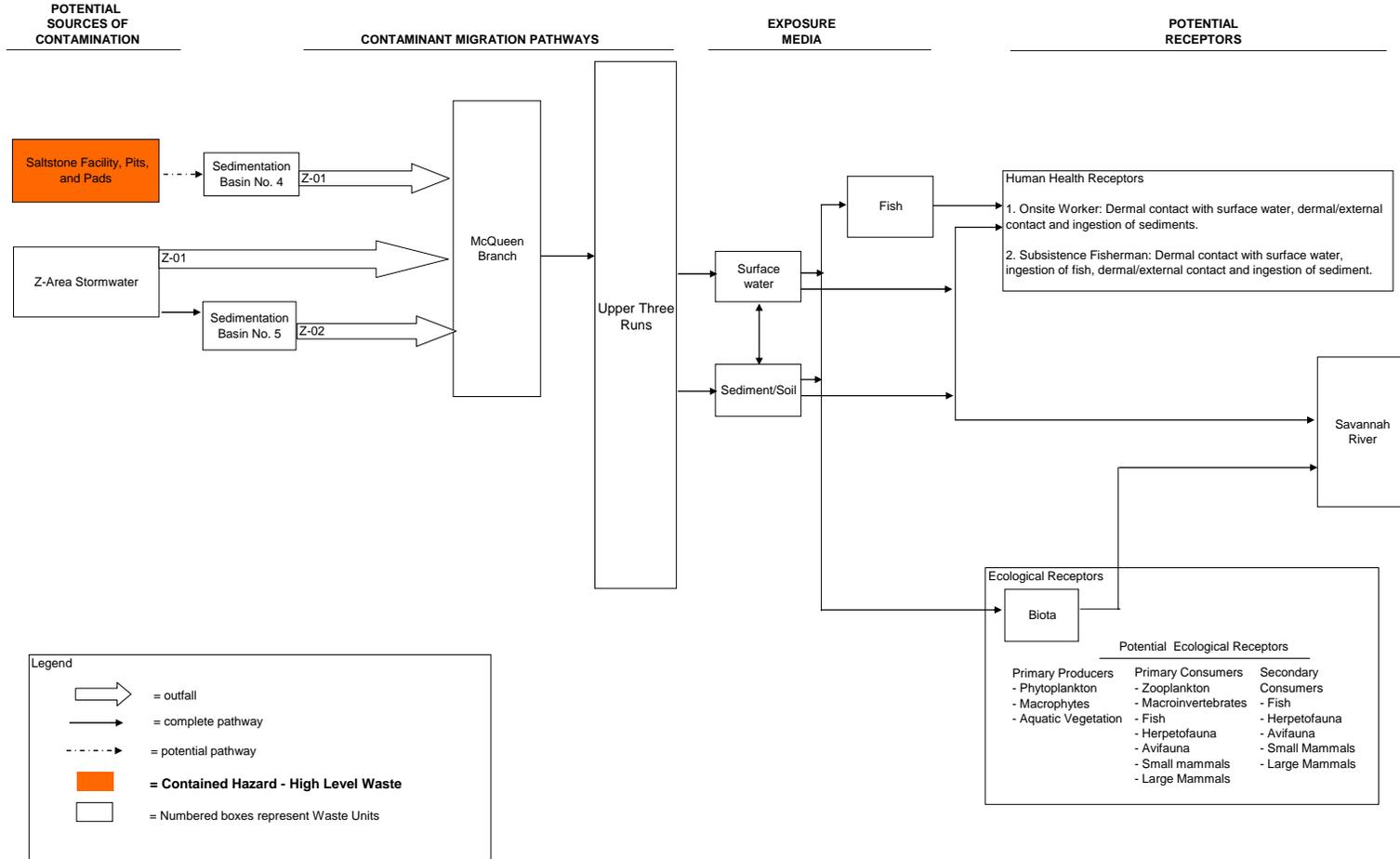


Figure 4.22b Z-Area CSM for Upper Three Runs

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).            | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 41  | SILVERTON ROAD WASTE SITE, 731-3A   | Savannah River / Floodplain / Swamp               | A  | 10 <sup>-4</sup> to 10 <sup>-6</sup>   | Complete  | √   | 5   | A.2   | B.2   |
| 128   | SPILL ON 10/13/75 OF 1200 GAL OF PCE, NBN   | Savannah River / Floodplain / Swamp               | A  | < 10 <sup>-6</sup>   | Complete  |   | 9   | A.1   |   |
| 385   | SPILL ON 11/22/85 OF UNKNOWN OF CHROMATED WATER FROM BETWEEN 702-A AND 708-A, NBN | Savannah River / Floodplain / Swamp               | A  | < 10 <sup>-6</sup>   | Complete  |   | 9   | A.1   |   |
| 44  | 716-A MOTOR SHOP SEEPAGE BASIN, 904-101G  | Upper Three Runs                                  | A  | < 10 <sup>-6</sup>   | Complete  |   | 6   | A.1   |   |
| 133   | SRL SEEPAGE BASINS, 904-53G1  | Upper Three Runs                                  | A  | 10 <sup>-4</sup> to 10 <sup>-6</sup>   | Complete  | √   | 2   | A.2, A.3, A.7   |   |
| 134   | SRL SEEPAGE BASINS, 904-53G2  | Upper Three Runs                                  | A  | 10 <sup>-4</sup> to 10 <sup>-6</sup>   | Complete  | √   | 2   | A.2, A.3, A.7   |   |
| 135   | SRL SEEPAGE BASINS, 904-54G   | Upper Three Runs                                  | A  | 10 <sup>-4</sup> to 10 <sup>-6</sup>   | Complete  | √   | 2   | A.2, A.3, A.7   |   |
| 136   | SRL SEEPAGE BASINS, 904-55G   | Upper Three Runs                                  | A  | 10 <sup>-4</sup> to 10 <sup>-6</sup>   | Complete  | √   | 2   | A.2, A.3, A.7   |   |
| 338   | RUBBLE PILE NORTH OF SRL, NBN   | Upper Three Runs                                  | A  | < 10 <sup>-6</sup>   | Complete  |   | 5   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 361   | SPILL OF 218 GRAMS MERCURY ADJACENT TO BLDG. 780-2A, NBN               | Upper Three Runs                                  | A  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 384   | SPILL ON 11/21/87 OF 170 GAL OF KOH, SMBS, NAPO4 FROM 784-A, NBN       | Upper Three Runs                                  | A  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 419   | SPILL ON 05/01/85 OF 1 GAL OF ALCOHOL FROM 779-A, NBN                  | Upper Three Runs                                  | A  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 449   | SPILL ON 09/01/85 OF $<1$ LB OF MERCURY FROM 748-A, NBN                | Upper Three Runs                                  | A  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 521   | ECODS A-2 (NEAR SANDBLAST AREA CMM-001, NBN)                           | Upper Three Runs                                  | A  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 436   | SPILL ON 06/16/87 OF $\sim 1$ GAL OF WATER - RAD, NBN                  | Savannah River / Floodplain / Swamp               | A  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 458   | STORMWATER OUTFALL A-024, NBN  | Savannah River / Floodplain / Swamp               | A  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 47  | A-AREA COAL PILE RUNOFF BASIN, 788-3A                                  | Upper Three Runs                                  | A  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 3   | √   |   |
| 131   | SRL 904-A PROCESS TRENCH, 904-A  | Upper Three Runs                                  | A  | $> 10^{-4}$  | In Assessment Phase                               |   | 9   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 236   | A-AREA ASH PILE, 788-0A  | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |
| 237   | A-AREA ASH PILE, 788-2A  | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |
| 340   | SALVAGE YARD, 740-A  | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 359   | SMALL ARMS TRAINING AREA (SATA), NBN                                   | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 457   | STORMWATER OUTFALL A-002, NBN  | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 481   | A-001 OUTFALL, NBN   | Upper Three Runs                                  | A  | > 10-4   | In Assessment Phase                               |   | 9   | √   |   |
| 483   | STORMWATER OUTFALL A-013, NBN  | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 45  | A-AREA BURNING/RUBBLE PITS, 731-1A                                     | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Remediation                                    | √   | 5   | A.2, A.3  | B.2, B.4, B.5   |
| 46  | A-AREA BURNING/RUBBLE PITS, 731-A                                      | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Remediation                                    | √   | 5   | A.2, A.3  | B.2, B.4, B.5   |
| 48  | A-AREA MISCELLANEOUS RUBBLE PILE, 731-6A                               | Upper Three Runs                                  | A  | > 10-4   | In Remediation                                    |   | 5   | √   | √   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).               | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 49  | A-AREA RUBBLE PIT, 731-2A  | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Remediation                                    |   | 5   | √   | √   |
| 101   | MISCELLANEOUS CHEMICAL BASIN, 731-4A   | Upper Three Runs                                  | A  | > 10-4   | In Remediation                                    |   | 6   | √   | √   |
| 102   | METALS BURNING PITS, 731-5A  | Upper Three Runs                                  | A  | 10-4 to 10-6   | In Remediation                                    |   | 5   | √   |   |
| 155   | B-AREA TOWER FOUNDATION RUBBLE PILE, NBN   | Savannah River / Floodplain / Swamp               | B  | < 10-6   | Complete  |   | 5   | A.1   |   |
| 21  | NON-RADIOACTIVE WASTE DISPOSAL FACILITY (AKA SANITARY LANDFILL RCRA PORTION), 740-G  | Upper Three Runs                                  | B  | 10-4 to 10-6   | Complete  | √   | 5   | A.2, A.3  |   |
| 22  | NON-RADIOACTIVE WASTE DISPOSAL FACILITY (AKA SANITARY LANDFILL) (GROUNDWATER), 740-G | Upper Three Runs                                  | B  | 10-4 to 10-6   | Complete  | √   | 5   |   | B.2, B.3, B.6   |
| 37  | GRACE ROAD SITE, 631-22G   | Upper Three Runs                                  | B  | < 10-6   | Complete  |   | 5   | A.1   |   |
| 149   | LOWER KATO ROAD SITE, 761-1G   | Upper Three Runs                                  | B  | < 10-6   | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 151   | ORANGEBURG SITE, 761-2G  | Upper Three Runs                                  | B  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 167   | IMHOFF TANK RUBBLE PILE, NBN   | Upper Three Runs                                  | B  | $< 10^{-6}$  | Complete  |   | 5   | A.2, A.3  |   |
| 168   | KATO ROAD SITE, 761-6G   | Upper Three Runs                                  | B  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 204   | TCU RUBBLE PILE, NBN   | Upper Three Runs                                  | B  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 207   | ZION FAIR CHURCH SITE, NBN   | Upper Three Runs                                  | B  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 209   | B-AREA SANITARY TREATMENT PLANT RUBBLE PILE, NBN                       | Upper Three Runs                                  | B  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 529   | ECODS B-4 (EAST OF B AREA, SOUTH OF ROAD C)                            | Upper Three Runs                                  | B  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 526   | ECODS B-1A, 1B (SOUTH OF B AREA)                                       | Upper Three Runs                                  | B  | $10^{-4}$ to $10^{-6}$   | Complete  |   | 5   | √   |   |
| 527   | ECODS B-2 (SOUTH OF B AREA)  | Upper Three Runs                                  | B  | $10^{-4}$ to $10^{-6}$   | Complete  |   | 5   | √   |   |
| 491   | SANDBLAST AREA CMB-001, NBN  | Upper Three Runs                                  | B  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 528   | ECODS B-3 (EAST OF B AREA, SOUTH OF ROAD C)                            | Upper Three Runs                                  | B  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 530   | ECODS B-5 (ADJACENT TO ECODS B-3)                                      | Upper Three Runs                                  | B  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 1   | TANK 105-C HAZARDOUS WASTE MANAGEMENT FACILITY                         | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 2   | A.7//A.1  |   |
| 52  | C-AREA COAL PILE RUNOFF BASIN, 189-C                                   | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 3   | A.7//A.1  |   |
| 53  | C-AREA REACTOR SEEPAGE BASINS, 904-066G                                | Fourmile Branch                                   | C  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3, A.4   |   |
| 54  | C-AREA REACTOR SEEPAGE BASINS, 904-067G                                | Fourmile Branch                                   | C  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3, A.4   |   |
| 55  | C-AREA REACTOR SEEPAGE BASINS, 904-068G                                | Fourmile Branch                                   | C  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3, A.4   |   |
| 156   | C-AREA ASBESTOS PIT, 080-21G   | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 157   | C-AREA ASBESTOS PIT, 080-22G   | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 158   | C-AREA ASH PILE, 188-1C  | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 3   | A.7//A.1  |   |
| 159   | C-AREA ASH PILE, 188-2C  | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 3   | A.7//A.1  |   |
| 194   | SPILL ON 10/08/83 OF 800 GAL OF LOW LEVEL WATER NEAR 105-C, NBN        | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 201   | SPILL ON 05/08/75 OF 50 GAL OF WASTE WATER - RAD, NBN                  | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 241   | C-AREA EROSION CONTROL SITE, 131-1C                                    | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 257   | COMBINED SPILLS FROM 183-2C, NBN                                       | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 373   | SPILL ON 01/12/80 OF <5 GAL OF WASTE WATER - RAD, NBN                  | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 392   | SPILL ON 02/12/84 OF 200 GAL OF TRITIATED WATER IN C-AREA, NBN         | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 427   | SPILL ON 05/23/75 OF 3 GAL OF WASTE WATER - RAD, NBN                   | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 492   | SANDBLAST AREA CMC-001, NBN  | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 493   | SANDBLAST AREA CMC-002, NBN  | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 494   | SANDBLAST AREA CMC-003, NBN  | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 516   | COMBINED SPILLS FROM 105-C, 106-C, AND 109-C, NBN                      | Fourmile Branch                                   | C  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 522   | ECODS C-1 (NEAR C-AREA REACTOR DISCHARGE CANAL)                        | Fourmile Branch                                   | C  | $< 10^{-6}$  | In Assessment Phase                               |   | 5   | A.1, A.2  |   |
| 146   | C-AREA REACTOR GROUNDWATER   | Fourmile Branch                                   | C  | $> 10^{-4}$  | In Assessment Phase                               |   | 10  |   | √   |
| 210   | C-AREA ASH PILE, 188-0C  | Fourmile Branch                                   | C  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 3   | √   |   |
| 240   | C-AREA DISASSEMBLY BASIN, 105-C  | Fourmile Branch                                   | C  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   |   |
| 242   | C-AREA REACTOR COOLING WATER SYSTEM, 186/190-C                         | Fourmile Branch                                   | C  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 2   | √   |   |
| 475   | C AREA: C-AREA REACTOR AREA CASK CAR RAILROAD                          | Fourmile Branch                                   | C  | $> 10^{-4}$  | In Assessment Phase                               |   | 5   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
|   | TRACKS AS ABANDONED, NBN   |   |  |  |   |   |   |   |   |
| 489   | C-AREA ASH PILE OFF POWER LINE ROAD, NBN                               | Fourmile Branch                                   | C  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |
| 511   | C-AREA REACTOR DISCHARGE CANAL, NBN                                    | Fourmile Branch                                   | C  | > 10-4   | In Assessment Phase                               |   | 9   | √   |   |
| 555   | C-AREA PROCESS SEWER LINES AS ABANDONED, NBN                           | Fourmile Branch                                   | C  | > 10-4   | In Assessment Phase                               | √   | 4   | √   |   |
| 566   | OLD C-AREA BURNING/RUBBLE PIT, NBN                                     | Fourmile Branch                                   | C  | > 10-4   | In Assessment Phase                               |   | 5   | √   |   |
| 51  | C-AREA BURNING/RUBBLE PIT, 131-C                                       | Fourmile Branch                                   | C  | > 10-4   | In Remediation                                    |   | 5   | √   | √   |
| 26  | D-AREA OIL SEEPAGE BASIN, 631-G  | Savannah River / Floodplain / Swamp               | D  | 10 -4 to 10-6  | Complete  | √   | 6   | A.2, A.3, A.7   | B.2, B.3  |
| 32  | D-AREA BURNING/RUBBLE PITS, 431-1D                                     | Savannah River / Floodplain / Swamp               | D  | 10 -4 to 10-6  | Complete  | √   | 5   | A.2   | B.2   |
| 33  | D-AREA BURNING/RUBBLE PITS, 431-D                                      | Savannah River / Floodplain / Swamp               | D  | 10 -4 to 10-6  | Complete  | √   | 5   | A.2   | B.2   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).        | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 219   | SANDBLAST AREA CMD-003, NBN   | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 220   | SANDBLAST AREA CMD-001, NBN   | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 232   | 412-D, 401-D, AND 402-D HEAVY WATER FACILITY AND GAS PLANT (ASBESTOS REMOVAL) | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 2   | A.1   |   |
| 349   | SANDBLAST AREA CMD-002, NBN   | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 370   | SPILL ON 01/01/86 OF 2 GAL OF 50% SODIUM HYDROXIDE, NBN                       | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 389   | SPILL ON 12/02/81 OF 800 LB OF HYDROGEN SULFIDE, NBN                          | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 421   | SPILL ON 05/12/81 OF 400 LB OF HYDROGEN SULFIDE, NBN                          | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 441   | SPILL ON 06/03/86 OF 5 GAL OF NEUTRALIZATION SYSTEM WATER, NBN                | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 444   | SPILL ON 07/21/79 OF UNKNOWN AMOUNT OF ACID IN D-AREA, NBN             | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 448   | SPILL ON 08/31/87 OF $<100$ GAL OF BROMOCIDE SOLN FROM 607-14D, NBN    | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 468   | SANDBLAST AREA CMD-004, NBN  | Savannah River / Floodplain / Swamp               | D  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 229   | UNIDENTIFIED TRASH PILE, NBN   | Savannah River / Floodplain / Swamp               | D  | 10-4 to 10-6   | Complete  |   | 5   | √   |   |
| 68  | D-AREA ASH BASIN, 488-D  | Savannah River / Floodplain / Swamp               | D  | $> 10^{-4}$  | In Assessment Phase                               |   | 3   | √   |   |
| 69  | D-AREA COAL PILE RUNOFF BASIN, 489-D                                   | Savannah River / Floodplain / Swamp               | D  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |
| 70  | D-AREA WASTE OIL FACILITY, 484-D                                       | Savannah River / Floodplain / Swamp               | D  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 211   | D-AREA ASBESTOS PIT, 080-20G   | Savannah River / Floodplain / Swamp               | D  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 238   | D-AREA ASH BASIN, 488-1D   | Savannah River / Floodplain / Swamp               | D  | $> 10^{-4}$  | In Assessment Phase                               |   | 3   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).                           | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 265   | COMBINED SPILLS FROM 483-D AND ASSOCIATED AREAS, NBN   | Savannah River / Floodplain / Swamp               | D  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 272   | D-AREA ASH BASIN, 488-2D   | Savannah River / Floodplain / Swamp               | D  | > 10-4   | In Assessment Phase                               |   | 3   | √   |   |
| 273   | D-AREA RUBBLE PIT, 431-2D  | Savannah River / Floodplain / Swamp               | D  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 520   | D-AREA UPGRADIENT SOURCES  | Savannah River / Floodplain / Swamp               | D  | 10-4 to 10-6   | In Assessment Phase                               |   | 10  |   | √   |
| 543   | ECODS D-1 (NEAR D-AREA RUBBLE PILE, 431-2D)  | Savannah River / Floodplain / Swamp               | D  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 548   | D-AREA ASH BASIN, 488-4D   | Savannah River / Floodplain / Swamp               | D  | > 10-4   | In Assessment Phase                               |   | 3   | √   |   |
| 16  | MIXED WASTE MANAGEMENT FACILITY (INCLUDING THE RCRA REGULATED PORTIONS OF LLRWF 643-7E), 643-28E | Fourmile Branch                                   | E  | 10-4 to 10-6   | Complete  | √   | 1   | A.2, A.3  |   |
| 523   | ECODS F-1 (SOUTHEAST OF F-AREA ASH BASIN, 276-0F)  | Fourmile Branch                                   | E  | < 10-6   | Complete  |   | 5   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).                                 | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 524   | ECODS F-3 (EAST OF ECOD F-1)   | Fourmile Branch                                   | E  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 571   | Low Level Radioactive Disposal Facility (RCRA Portion)   | Fourmile Branch                                   | E  | 10-4 to 10-6   | Complete  | √   | 1   | A.2, A.3  |   |
| 18  | OLD RADIOACTIVE WASTE BURIAL GROUND (INCLUDING SOLVENT TANKS 650-01E-22E) 643-E                        | Fourmile Branch                                   | E  | $> 10^{-4}$  | In Remediation                                    |   | 1   | √   |   |
| 20  | LOW LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY (NON-HAZARDOUS WASTE DISPOSAL PORTION OF 643-7E), 643-7E | Fourmile Branch                                   | E  | $> 10^{-4}$  | In Remediation                                    |   | 1   | √   |   |
| 103   | MIXED WASTE MANAGEMENT FACILITY (GROUNDWATER)  | Fourmile Branch                                   | E  | $> 10^{-4}$  | In Remediation                                    |   | 10  |   | √   |
| 3   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (F-AREA SEEPAGE BASIN, 904-41G)                             | Fourmile Branch                                   | F  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3  | B.2   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).                 | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 4   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (F-AREA SEEPAGE BASIN, 904-42G)             | Fourmile Branch                                   | F  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3  | B.2   |
| 5   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (F-AREA SEEPAGE BASIN, 904-43G)             | Fourmile Branch                                   | F  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3  | B.2   |
| 71  | F-AREA COAL PILE RUNOFF BASIN, 289-F   | Fourmile Branch                                   | F  | $< 10^{-6}$  | Complete  |   | 3   | A.7//A.1  |   |
| 72  | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (F-AREA INACTIVE PROCESS SEWER LINE 081-1F) | Fourmile Branch                                   | F  | $< 10^{-6}$  | Complete  |   | 4   | A.2, A.3  | B.2   |
| 73  | F-AREA RETENTION BASIN, 281-3F   | Fourmile Branch                                   | F  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3, A.4   | B.2   |
| 129   | SPILL ON 05/24/84 OF 550 GAL OF SIMULATED SALT SOLUTION, PIZZOLITH 122R IN 643-7       | Fourmile Branch                                   | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 223   | SPILL ON 01/01/59 OF UNKNOWN OF SEEPAGE BASIN PIPE                                     | Fourmile Branch                                   | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
|   | LEAK BETWEEN 904-42G, 904-43G  |   |  |  |   |   |   |   |   |
| 281   | F-AREA SANITARY SLUDGE LAND APPLICATION SITE, NBN                      | Fourmile Branch                                   | F  | $< 10^{-6}$  | Complete  |   | 7   | A.1   |   |
| 363   | SPILL ON 01/01/78 OF 50 GAL OF 50% SODIUM HYDROXIDE, NBN               | Fourmile Branch                                   | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 402   | SPILL ON 03/27/80 OF 3 GAL OF NITRIC ACID, NBN                         | Fourmile Branch                                   | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 445   | SPILL ON 07/05/88 OF 2 PINT OF 64% NITRIC ACID IN F-AREA, NBN          | Fourmile Branch                                   | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 2   | F-AREA ACID/CAUSTIC BASIN, 904-47G                                     | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 8   | A.1, A.3  |   |
| 30  | BURMA ROAD RUBBLE PIT, 231-4F  | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 34  | F-AREA BURNING/RUBBLE PITS, 231-1F                                     | Upper Three Runs                                  | F  | 10-4 to 10-6   | Complete  | √   | 5   | A.2   |   |
| 35  | F-AREA BURNING/RUBBLE PITS, 231-2F                                     | Upper Three Runs                                  | F  | 10-4 to 10-6   | Complete  | √   | 5   | A.2   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 36  | F-AREA BURNING/RUBBLE PITS, 231-F                                      | Upper Three Runs                                  | F  | 10-4 to 10-6   | Complete  | √   | 5   | A.2   |   |
| 105   | OLD F-AREA SEEPAGE BASIN, 904-49G                                      | Upper Three Runs                                  | F  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3, A.4, A.7  | B.2, B.3  |
| 162   | FIRE TRAINING PIT AT 709-1F, NBN                                       | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 199   | SPILL ON 04/15/87 OF 950 GAL OF CHROMATED WATER FROM 772-F, NBN        | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 200   | SPILL ON 05/01/57 OF 125 FT2 OF RAD LIQUID FROM SOLVENT TRAILER, NBN   | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 212   | F-AREA SCRAP LUMBER PILE, 231-3F                                       | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 227   | SPILL ON 05/14/85 OF 1/2 PINT OF MERCURY NEAR 284-F, NBN               | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 278   | F-AREA EROSION CONTROL SITE, 080-28G                                   | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 279   | F-AREA RAILROAD CROSSTIE PILE, NBN                                     | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).           | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 284   | F-AREA ACID/CAUSTIC BASIN (GROUNDWATER)  | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 10  | A.1   | B.1   |
| 325   | POTENTIAL RELEASE OF NAOH/H2 SO4 FROM 280-1F, NBN                                | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 362   | SPILL ON 01/01/57 OF <1 CI OF BETA - GAMMA, NBN                                  | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 368   | SPILL ON 01/01/85 OF 15 GAL OF 6% POTASSIUM PERMANGANATE, NBN                    | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 372   | SPILL ON 01/01/87 OF UNKNOWN OF POTASSIUM PERMANGANATE, NBN                      | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 395   | SPILL ON 02/25/87 OF 2 LITER OF SULFURIC ACID BETWEEN 704-8F AND 703-F PARKING L | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 416   | SPILL ON 04/07/76 OF 200 GAL OF 50% NITRIC ACID, NBN                             | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 422   | SPILL ON 05/19/87 OF 1 GAL OF 50% SODIUM HYDROXIDE, NBN                          | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 424   | SPILL ON 05/21/84 OF 20 GAL OF SODIUM HYDROXIDE, NBN                   | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 426   | SPILL ON 05/22/86 OF 2 GAL OF 50% SODIUM HYDROXIDE, NBN                | Upper Three Runs                                  | F  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 43  | 211-FB PU-239 RELEASE, 081-F   | Fourmile Branch                                   | F  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 263   | COMBINED SPILLS FROM 242-F, NBN  | Fourmile Branch                                   | F  | $> 10^{-4}$  | In Assessment Phase                               |   | 9   | √   |   |
| 266   | COMBINED SPILLS FROM 643-G, NBN  | Fourmile Branch                                   | F  | $> 10^{-4}$  | In Assessment Phase                               |   | 9   | √   |   |
| 270   | COMBINED SPILLS FROM 701-1F SPILL, NBN                                 | Fourmile Branch                                   | F  | $> 10^{-4}$  | In Assessment Phase                               |   | 9   | √   |   |
| 277   | F-AREA ASH BASIN, 288-1F   | Fourmile Branch                                   | F  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 3   | √   |   |
| 280   | F-AREA RETENTION BASIN, 281-08F  | Fourmile Branch                                   | F  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   | √   |
| 283   | F-AREA TANK FARM, 241-F  | Fourmile Branch                                   | F  | $>> 10^{-4}$   | In Assessment Phase                               |   | 2   | √   |   |
| 376   | SPILL ON 01/19/83 OF 1000 FT2 OF RADIOACTIVE SPILL                     | Fourmile Branch                                   | F  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 380   | SPILL ON 10/01/71 OF 100 SQ FT OF FLUSH WATER - RAD, NBN               | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 381   | SPILL ON 10/16/81 OF 30 GAL OF LOW LEVEL WASTE FROM TRAILER, NBN       | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 399   | SPILL ON 03/01/66 OF 500 SQ FT OF FLUSH WATER - RAD, NBN               | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 411   | SPILL ON 04/14/81 OF 3 GAL OF CONTAMINATED FLUSH WATER, NBN            | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 418   | SPILL ON 05/01/71 OF UNKNOWN OF SEEPAGE BASIN PIPE LEAK, NBN           | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 431   | SPILL ON 05/28/81 OF 9000 GAL OF CHROMATED WATER, NBN                  | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 432   | SPILL ON 05/30/78 OF UNKNOWN OF SUMP OVERFLOW, NBN                     | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 438   | SPILL ON 06/26/75 OF 250 CU FT OF RAD CONTAMINATED SOIL,               | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).          | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
|   | NBN   |   |  |  |   |   |   |   |   |
| 442   | SPILL ON 06/06/79 OF <1 GAL OF CONTAMINATED LIQUID, NBN                         | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 490   | SPILL ON 04/57 OF RAD LIQUID FROM SOLVENT TRAILER, NBN                          | Fourmile Branch                                   | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 141   | F-AREA INACTIVE PROCESS SEWER LINES FROM BUILDING TO THE SECURITY FENCE, 081-1F | Upper Three Runs                                  | F  | > 10-4   | In Assessment Phase                               |   | 4   | √   |   |
| 276   | F-AREA ASH BASIN, 288-0F  | Upper Three Runs                                  | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |
| 308   | LOW LEVEL RADIOACTIVE DRAIN LINES, 772-F  | Upper Three Runs                                  | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 4   | √   |   |
| 343   | SANDBLAST AREA CMF-001, NBN   | Upper Three Runs                                  | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 394   | SPILL ON 02/25/85 OF 20000 CM OF WATER VAPOR - RAD, NBN                         | Upper Three Runs                                  | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 414   | SPILL ON 04/24/91 OF .11 CI OF PU 239, 772-1F                          | Upper Three Runs                                  | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 429   | SPILL ON 05/26/88 OF 10 GAL OF ETHYLENE GLYCOL-RAD FROM 772-F, NBN     | Upper Three Runs                                  | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 435   | SPILL ON 06/01/59 OF <1 CI OF SEGREGATED SOLVENT FROM 211-F, NBN       | Upper Three Runs                                  | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 485   | COMBINED SPILLS FROM 221-F, NBN  | Upper Three Runs                                  | F  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 19  | F & H-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES (GROUNDWATER)         | Fourmile Branch                                   | F  | > 10-4   | In Remediation                                    |   | 10  |   | √   |
| 575   | GENERAL SEPARATIONS AREA WESTERN GROUNDWATER OPERABLE UNIT, NBN        | Upper Three Runs                                  | F  | > 10-4   | In Remediation                                    |   | 10  |   | √   |
| 6   | H-AREA ACID/CAUSTIC BASIN, 904-75G                                     | Fourmile Branch                                   | H  | < 10-6   | Complete  |   | 8   | A.1, A.3  |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).                | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 7   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (H-AREA SEEPAGE BASIN, 904-44G)            | Fourmile Branch                                   | H  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3  | B.2   |
| 8   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (H-AREA SEEPAGE BASIN, 904-46G)            | Fourmile Branch                                   | H  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3  | B.2   |
| 9   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (H-AREA SEEPAGE BASIN, 904-45G)            | Fourmile Branch                                   | H  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3  | B.2   |
| 10  | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (H-AREA SEEPAGE BASIN, 904-56G)            | Fourmile Branch                                   | H  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3  | B.2   |
| 80  | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (H-AREA INACTIVE PROCESS SEWER LINE 081-H) | Fourmile Branch                                   | H  | 10-4 to 10-6   | Complete  | √   | 4   | A.2, A.3  | B.2   |
| 166   | H-AREA BURNING PIT, NBN   | Fourmile Branch                                   | H  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 214   | H-AREA EROSION CONTROL SITE, 080-25G                                   | Fourmile Branch                                   | H  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 285   | H-AREA ACID/CAUSTIC BASIN (GROUNDWATER)                                | Fourmile Branch                                   | H  | $< 10^{-6}$  | Complete  |   | 10  | A.1   | B.1   |
| 296   | H-AREA SANITARY SLUDGE LAND APPLICATION SITE, NBN                      | Fourmile Branch                                   | H  | $< 10^{-6}$  | Complete  |   | 7   | A.1   |   |
| 345   | SANDBLAST AREA CMH-003, NBN  | Fourmile Branch                                   | H  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 348   | SANDBLAST AREA CMH-004, NBN  | Fourmile Branch                                   | H  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 365   | SPILL ON 01/01/80 OF 5600 LB OF 50% NITRIC ACID, NBN                   | Fourmile Branch                                   | H  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 386   | SPILL ON 11/24/89 OF 10 MCI OF CS - 137 FROM 254-8H, NBN               | Fourmile Branch                                   | H  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 357   | SANDBLAST AREA CMS-001, NBN  | Upper Three Runs                                  | H  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 360   | SPILL OF $<1/2$ LB MERCURY IN BLDG. 232-H, NBN                         | Upper Three Runs                                  | H  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).    | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 364   | SPILL ON 01/01/78 OF 600 LB OF 50% SODIUM HYDROXIDE, NBN                  | Upper Three Runs                                  | H  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 433   | SPILL ON 05/04/87 OF 30 GAL OF CAUSTIC FROM 295-H, NBN                    | Upper Three Runs                                  | H  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 531   | ECODS H-1 (WEST OF MAIN H-AREA FACILITIES)                                | Upper Three Runs                                  | H  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 225   | SPILL ON 02/01/57 OF UNKNOWN OF SEEPAGE BASIN PIPE LEAK FROM 904-44G, NBN | Fourmile Branch                                   | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 261   | COMBINED SPILLS FROM 241-84H, NBN   | Fourmile Branch                                   | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 262   | COMBINED SPILLS FROM 241-H, NBN   | Fourmile Branch                                   | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 264   | COMBINED SPILLS FROM 242-H, NBN   | Fourmile Branch                                   | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 274   | DITCH TO OUTFALL H-13 (TRIBUTARY TO FOURMILE CREEK), NBN                  | Fourmile Branch                                   | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).      | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 275   | DIVERSION BOX - RADIOACTIVITY FROM 907-1H, NBN                              | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 292   | H-AREA ASH BASIN, 288-0H  | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |
| 293   | H-AREA RETENTION BASIN, 281-08H   | Fourmile Branch                                   | H  | > 10-4   | In Assessment Phase                               |   | 2   | √   |   |
| 294   | H-AREA RETENTION BASIN, 281-1H  | Fourmile Branch                                   | H  | > 10-4   | In Assessment Phase                               |   | 2   | √   |   |
| 295   | H-AREA RETENTION BASIN, 281-2H  | Fourmile Branch                                   | H  | > 10-4   | In Assessment Phase                               |   | 2   | √   |   |
| 298   | H-AREA TANK FARM, 241-H   | Fourmile Branch                                   | H  | >> 10-4  | In Assessment Phase                               |   | 2   | √   |   |
| 332   | SPILL ON 10/07/85 OF 20,000 GALLONS OF CONTAMINATED WATER FROM 244-H, NBN   | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 375   | SPILL ON 01/19/80 OF UNKNOWN OF CHROMATED WATER FROM H-AREA PUMP HOUSE, NBN | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).  | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 383   | SPILL ON 11/10/81 OF 500 GAL OF CHROMATED WATER FROM 243-H, NBN         | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 390   | SPILL ON 02/01/69 OF UNKNOWN OF WASTE TANK SPILL, NBN                   | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 403   | SPILL ON 03/28/87 OF <15000 GAL OF CHROMATED WATER FROM 241-24H, NBN    | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 412   | SPILL ON 04/18/80 OF UNKNOWN OF CHROMATED WATER FROM VALVE HOUSE 3, NBN | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 423   | SPILL ON 05/02/85 OF 10 GAL OF COOLING WATER FROM TANK FARM, NBN        | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 459   | STORMWATER OUTFALL H-013, NBN   | Fourmile Branch                                   | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 554   | H-AREA PROCESS SEWER LINES AS ABANDONED, NBN                            | Fourmile Branch                                   | H  | > 10-4   | In Assessment Phase                               |   | 4   | √   |   |
| 79  | H-AREA COAL PILE RUNOFF BASIN, 289-H                                    | Upper Three Runs                                  | H  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).         | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 142   | H-AREA INACTIVE PROCESS SEWER LINES FROM BUILDING TO THE SECURITY FENCE, 081-H | Upper Three Runs                                  | H  | $> 10^{-4}$  | In Assessment Phase                               |   | 4   | √   |   |
| 260   | COMBINED SPILLS FROM 211-H, NBN  | Upper Three Runs                                  | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 344   | SANDBLAST AREA CMH-001, NBN  | Upper Three Runs                                  | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 346   | SANDBLAST AREA CMH-002, NBN  | Upper Three Runs                                  | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 374   | SPILL ON 01/12/87 OF $<100$ GM OF MERCURY NORTH OF 211-H, NBN                  | Upper Three Runs                                  | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 391   | SPILL ON 02/01/83 OF 50 GAL OF OIL - RAD, NBN                                  | Upper Three Runs                                  | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 512   | COMBINED SPILLS FROM 221-H, NBN  | Upper Three Runs                                  | H  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 27  | WARNER'S POND, 685-23G   | Fourmile Branch                                   | H  | $> 10^{-4}$  | In Remediation                                    |   | 2   | √   |   |
| 28  | H-AREA RETENTION BASIN, 281-3H   | Fourmile Branch                                   | H  | $> 10^{-4}$  | In Remediation                                    |   | 2   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).          | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 29  | HP-52 PONDS, NBN  | Fourmile Branch                                   | H  | $> 10^{-4}$  | In Remediation                                    |   | 2   | √   |   |
| 398   | SPILL ON 02/08/78 OF UNKNOWN OF H-AREA PROCESS SEWER LINE CAVE-IN, NBN          | Fourmile Branch                                   | H  | $10^{-4}$ to $10^{-6}$   | In Remediation                                    |   | 9   | √   |   |
| 405   | SPILL ON 03/08/78 OF UNKNOWN OF SEEPAGE BASIN PIPE LEAK IN H-AREA SEEPAGE BASIN | Fourmile Branch                                   | H  | $10^{-4}$ to $10^{-6}$   | In Remediation                                    |   | 9   | √   |   |
| 417   | SPILL ON 05/01/56 OF UNKNOWN OF RETENTION BASIN PIPE LEAK, NBN                  | Fourmile Branch                                   | H  | $10^{-4}$ to $10^{-6}$   | In Remediation                                    |   | 9   | √   |   |
| 549   | GENERAL SEPARATIONS AREA EASTERN GROUNDWATER OPERABLE UNIT, NBN                 | Upper Three Runs                                  | H  | $> 10^{-4}$  | In Remediation                                    |   | 10  |   | √   |
| 11  | K-AREA ACID/CAUSTIC BASIN, 904-80G  | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 8   | A.1, A.3  | B.1   |
| 83  | K-AREA BINGHAM PUMP OUTAGE PIT, 643-1G  | Pen Branch  | K  | $10^{-4}$ to $10^{-6}$   | Complete  | √   | 2   | A.2   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 84  | K-AREA BURNING/RUBBLE PIT, 131-K                                       | Pen Branch  | K  | 10-4 to 10-6   | Complete  | √   | 5   | A.2, A.3  | B.2, B.3  |
| 85  | K-AREA COAL PILE RUNOFF BASIN, 189-K                                   | Pen Branch  | K  | 10-4 to 10-6   | Complete  | √   | 3   | A.2, A.3  | B.2   |
| 87  | K-AREA REACTOR SEEPAGE BASIN, 904-65G                                  | Pen Branch  | K  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3, A.4, A.7  |   |
| 88  | K-AREA RUBBLE PILE, 631-20G  | Pen Branch  | K  | 10-4 to 10-6   | Complete  | √   | 5   | A.2, A.3  | B.2   |
| 191   | K-AREA SANDBLAST AREA CMK-001  | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 222   | SPILL ON 01/01/57 OF <1 CI OF BETA - GAMMA, NBN                        | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 258   | COMBINED SPILLS FROM 183-2K, NBN                                       | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 286   | K-AREA ACID/CAUSTIC BASIN (GROUNDWATER)                                | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 10  | A.1   | B.1   |
| 299   | K-AREA AREA OF CONCERN, NBN  | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 341   | SANDBLAST AREA<br>CMK-002, NBN   | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 342   | SANDBLAST AREA<br>CMK-003, NBN   | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 378   | SPILL ON 01/29/86 OF <5<br>GAL OF WATER - RAD<br>FROM 106-1C, NBN      | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 413   | SPILL ON 04/23/82 OF<br>4800 GAL OF ACID<br>SOLUTION, NBN              | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 532   | ECODS K-1<br>(SOUTHEAST OF<br>FORMER LAYDOWN<br>YARD AT K AREA)        | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 533   | ECODS K-2<br>(NORTHWEST OF K<br>AREA FACILITIES)                       | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 534   | ECODS K-3<br>(SOUTHEAST OF K<br>AREA IN FORMER<br>LAYDOWN YARD)        | Pen Branch  | K  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).         | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 89  | K-AREA SLUDGE LAND APPLICATION SITE, 761-4G                                    | Pen Branch  | K  | 10-4 to 10-6   | In Assessment Phase                               |   | 7   | √   |   |
| 300   | K-AREA ASH BASIN, 188-0K   | Pen Branch  | K  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |
| 301   | K-AREA DISASSEMBLY BASIN, 105-K  | Pen Branch  | K  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   |   |
| 302   | K-AREA REACTOR COOLING WATER SYSTEM, 186/190-K                                 | Pen Branch  | K  | 10-4 to 10-6   | In Assessment Phase                               |   | 2   | √   |   |
| 460   | K-AREA REACTOR DISCHARGE CANAL, NBN  | Pen Branch  | K  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   |   |
| 476   | K REACTOR AREA: K-AREA REACTOR AREA CASK CAR RAILROAD TRACKS AS ABANDONED, NBN | Pen Branch  | K  | $> 10^{-4}$  | In Assessment Phase                               |   | 5   | √   |   |
| 514   | COMBINED SPILLS FROM 105-K, 106-K, AND 109-K, NBN                              | Pen Branch  | K  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 519   | K-AREA REACTOR GROUNDWATER (INCLUDING TRITIUM                                  | Pen Branch  | K  | $> 10^{-4}$  | In Assessment Phase                               |   | 10  |   | √   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
|   | ANOMALY)   |   |  |  |   |   |   |   |   |
| 78  | GAS CYLINDER DISPOSAL FACILITY, 131-2L                                 | Pen Branch  | L  | $< 10^{-6}$  | Complete  |   | 5   | A.1, A.7  |   |
| 91  | L-AREA BINGHAM PUMP OUTAGE PITS, 643-2G                                | Pen Branch  | L  | 10-4 to 10-6   | Complete  | √   | 2   | A.2   | B.1   |
| 92  | L-AREA BINGHAM PUMP OUTAGE PITS, 643-3G                                | Pen Branch  | L  | 10-4 to 10-6   | Complete  | √   | 2   | A.2   | B.1   |
| 93  | L-AREA BURNING/RUBBLE PIT, 131-L                                       | Pen Branch  | L  | 10-4 to 10-6   | Complete  | √   | 5   | A.2, A.3, A.7   | B.2, B.3  |
| 97  | L-AREA RUBBLE PILE, 631-26G  | Pen Branch  | L  | 10-4 to 10-6   | Complete  | √   | 5   | A.2, A.3, A.7   | B.2, B.3  |
| 304   | L-AREA EROSION CONTROL SITE, 080-26G                                   | Pen Branch  | L  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 169   | L-AREA RUBBLE PILE, 131-3L   | Pen Branch  | L  | 10-4 to 10-6   | Complete  | √   | 5   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 95  | L-AREA ACID/CAUSTIC BASIN, 904-79G                                     | Steel Creek                                       | L  | $< 10^{-6}$  | Complete  |   | 8   | A.1, A.3  | B.1   |
| 96  | L-AREA OIL/CHEMICAL BASIN, 904-83G                                     | Steel Creek                                       | L  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3, A.4   |   |
| 170   | L-AREA SCRAP METAL AND WOOD, NBN                                       | Steel Creek                                       | L  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 176   | PILE OF TELEPHONE/LIGHT POLES, NBN                                     | Steel Creek                                       | L  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 306   | L-AREA REACTOR SEEPAGE BASIN, 904-064G                                 | Steel Creek                                       | L  | 10-4 to 10-6   | Complete  | √   | 2   | A.2, A.3  |   |
| 323   | POTENTIAL RELEASE OF NAOH/H2 SO4 FROM 183-2L, NBN                      | Steel Creek                                       | L  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 495   | SANDBLAST AREA CML-001, NBN  | Steel Creek                                       | L  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 496   | SANDBLAST AREA CML-002, NBN  | Steel Creek                                       | L  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 535   | ECODS L-1 (EAST OF L AREA)   | Steel Creek                                       | L  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 536   | ECODS L-2 (EAST OF L AREA)   | Steel Creek                                       | L  | $10^{-4}$ to $10^{-6}$   | Complete  |   | 5   | A.1   |   |
| 148   | L-AREA ASH BASIN 188-0L  | Pen Branch  | L  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 3   | √   |   |
| 98  | L-AREA RUBBLE PIT, 131-1L  | Steel Creek                                       | L  | $< 10^{-6}$  | In Assessment Phase                               |   | 5   | A.1   |   |
| 99  | L-AREA RUBBLE PIT, 131-4L  | Steel Creek                                       | L  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 5   | √   |   |
| 303   | L-AREA DISASSEMBLY BASIN, 105-L  | Steel Creek                                       | L  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 2   | √   |   |
| 305   | L-AREA REACTOR COOLING WATER SYSTEM, 186/190-L                         | Steel Creek                                       | L  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 2   | √   |   |
| 452   | SPILL ON 09/21/84 OF 200 GAL OF WATER - RAD, NBN                       | Steel Creek                                       | L  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 479   | L REACTOR AREA: L-AREA REACTOR AREA CASK CAR RAILROAD                  | Steel Creek                                       | L  | $> 10^{-4}$  | In Assessment Phase                               |   | 5   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).      | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
|   | TRACKS AS ABANDONED, NBN  |   |  |  |   |   |   |   |   |
| 487   | L-AREA SOUTHERN GROUNDWATER, NBN  | Steel Creek                                       | L  | $> 10^{-4}$  | In Assessment Phase                               |   | 10  |   | √   |
| 503   | L-AREA NORTHERN GROUNDWATER   | Steel Creek                                       | L  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 10  |   | √   |
| 537   | ECODS L-3 (EAST OF L AREA)  | Steel Creek                                       | L  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 5   | √   |   |
| 94  | L-AREA HOT SHOP (INCLUDING SANDBLAST AREA CML-003, NBN), 717-G              | Steel Creek                                       | L  | $> 10^{-4}$  | In Remediation                                    |   | 9   | √   |   |
| 12  | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY ( LOST LAKE)                     | Savannah River / Floodplain / Swamp               | M  | $10^{-4}$ to $10^{-6}$   | Complete  | √   | 9   | A.2, A.7  |   |
| 13  | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (M-AREA SETTLING BASIN, 904-51G) | Savannah River / Floodplain / Swamp               | M  | $10^{-4}$ to $10^{-6}$   | Complete  | √   | 2   | A.2, A.3, A.4   | B.5, B.9  |
| 14  | M-AREA WEST, 631-21G  | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk   | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|---|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with <math>10^{-6}</math> being the lowest level and >>> <math>10^{-4}</math> being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 187   | M-AREA SANDBLAST AREA CMM-006  | Savannah River / Floodplain / Swamp               | M  | < 10-6  | Complete  |   | 9   | A.1   |   |
| 188   | M-AREA SANDBLAST AREA CMM-007  | Savannah River / Floodplain / Swamp               | M  | < 10-6  | Complete  |   | 9   | A.1   |   |
| 189   | M-AREA SANDBLAST AREA CMM-004  | Savannah River / Floodplain / Swamp               | M  | < 10-6  | Complete  |   | 9   | A.1   |   |
| 190   | M-AREA SANDBLAST AREA CMM-005  | Savannah River / Floodplain / Swamp               | M  | < 10-6  | Complete  |   | 9   | A.1   |   |
| 193   | SILVERTON ROAD WASTE TANK PLUGS, NBN                                   | Savannah River / Floodplain / Swamp               | M  | < 10-6  | Complete  |   | 5   | A.1   |   |
| 196   | SPILL ON 03/30/87 OF 15 GAL OF ACIDIC WATER, NBN                       | Savannah River / Floodplain / Swamp               | M  | < 10-6  | Complete  |   | 9   | A.1   |   |
| 197   | SPILL ON 03/30/88 OF 15 GAL OF ACIDIC WATER, NBN                       | Savannah River / Floodplain / Swamp               | M  | < 10-6  | Complete  |   | 9   | A.1   |   |
| 215   | POTENTIAL RELEASE OF CAUSTIC/HNO3 FROM 312-M, NBN                      | Savannah River / Floodplain / Swamp               | M  | < 10-6  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 224   | SPILL ON 10/07/85 OF 1 GAL OF NITRIC ACID AT BARRICADE 10, NBN         | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 322   | POTENTIAL RELEASE OF DIESEL FUEL AND BENZENE FROM 730-M, NBN           | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 347   | SANDBLAST AREA CMM-002, NBN  | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 352   | SANDBLAST AREA CMM-008, NBN  | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 369   | SPILL ON 01/01/85 OF 3 GAL OF ALUMINUM NITRATE, NBN                    | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 371   | SPILL ON 01/01/87 OF 5 GAL OF 50% SODIUM HYDROXIDE, NBN                | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 377   | SPILL ON 01/19/86 OF UNKNOWN OF PLATING SOLUTION, NBN                  | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 379   | SPILL ON 01/07/87 OF 20 GAL OF CAUSTIC, NBN                            | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 388   | SPILL ON 12/17/85 OF 2 GAL OF PHOSPHORIC ACID, NBN                     | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 397   | SPILL ON 02/06/85 OF 50 GAL OF CAUSTIC, NBN                            | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 400   | SPILL ON 03/11/87 OF 1 GAL OF CAUSTIC, NBN                             | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 404   | SPILL ON 03/07/86 OF 10 GAL OF ACID, NBN                               | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 406   | SPILL ON 03/08/86 OF 1/2 PINT OF WATER - RAD, NBN                      | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 407   | SPILL ON 03/08/86 OF 10 GAL OF NITRIC ACID, NBN                        | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 408   | SPILL ON 03/08/86 OF 6 GAL OF CAUSTIC, NBN                             | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 415   | SPILL ON 04/25/87 OF 15 GAL OF WATER - RAD, NBN                        | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 420   | SPILL ON 05/01/87 OF 100 GAL OF WATER FROM 300-M, NBN                  | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 440   | SPILL ON 06/28/84 OF 100 GAL OF CHILLED WATER, NBN                     | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 446   | SPILL ON 08/18/86 OF 20 GAL OF WATER - RAD, NBN                        | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 447   | SPILL ON 08/29/85 OF 500 GM OF URANYL NITRATE, NBN                     | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 450   | SPILL ON 09/10/86 OF 1 GAL OF WATER - RAD, NBN                         | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 451   | SPILL ON 09/20/87 OF UNKNOWN AMOUNT OF WATER - RAD, NBN                | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 454   | SPILL ON 09/04/85 OF 1 1/2 GAL OF NITRIC ACID, NBN                     | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 464   | UN-NUMBERED GUN EMPLACEMENT RUBBLE PILE, NBN                           | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 486   | CONTAMINATED SOIL, 321-M   | Savannah River / Floodplain / Swamp               | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 15  | METALLURGICAL LABORATORY HAZARDOUS MANAGEMENT FACILITY, 904-110G       | Upper Three Runs                                  | M  | 10-4 to 10-6   | Complete  | √   | 5   | A.2, A.3  | B.5, B.9  |
| 56  | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (CAROLINA BAY)              | Upper Three Runs                                  | M  | 10-4 to 10-6   | Complete  | √   | 9   | A.2   |   |
| 195   | SPILL ON 03/20/86 OF <1 GAL OF WATER - RAD, NBN                        | Upper Three Runs                                  | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 198   | SPILL ON 03/04/86 OF 5 GAL OF 50% NAOH FROM 341-M, NBN                 | Upper Three Runs                                  | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 409   | SPILL ON 04/01/85 OF 25 ML OF SULFURIC ACID, NBN                       | Upper Three Runs                                  | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).                                     | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 410   | SPILL ON 04/01/87 OF <5 GAL OF CR III LIGNO - SULFONATE, NBN   | Upper Three Runs                                  | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 480   | SANDBLAST AREA CMM-003, NBN  | Upper Three Runs                                  | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 484   | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY: M-AREA VADOSE ZONE, 643-28G                                    | Upper Three Runs                                  | M  | $< 10^{-6}$  | Complete  |   | 2   |   | B.5   |
| 497   | SANDBLAST AREA CMM-001, NBN  | Upper Three Runs                                  | M  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 100   | M-AREA SETTLING BASIN INACTIVE PROCESS SEWERS TO MANHOLE 1, 081-M  | Savannah River / Floodplain / Swamp               | M  | $> 10^{-4}$  | In Assessment Phase                               |   | 4   | √   | √   |
| 326   | POTENTIAL RELEASE OF TCT, TET TCE, HNO <sub>3</sub> , U, HEAVY METALS FROM 321-M ABANDONED SEWER LINE, NBN | Savannah River / Floodplain / Swamp               | M  | 10 <sup>-4</sup> to 10 <sup>-6</sup>   | In Assessment Phase                               |   | 4   | √   | √   |
| 465   | UNDERGROUND SUMP 321 M #001 321-M  | Savannah River / Floodplain / Swamp               | M  | $> 10^{-4}$  | In Assessment Phase                               |   | 4   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).             | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 466   | UNDERGROUND SUMP 321 M #002 321-M  | Savannah River / Floodplain / Swamp               | M  | $> 10^{-4}$  | In Assessment Phase                               |   | 4   | √   |   |
| 234   | 313-M AND 320-M INACTIVE CLAY PROCESS SEWERS TO TIMS BRANCH, NBN                   | Upper Three Runs                                  | M  | $> 10^{-4}$  | In Assessment Phase                               |   | 4   | √   | √   |
| 23  | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY: A/M AREA GROUNDWATER PORTION, 904-110G | Upper Three Runs                                  | M  | $> 10^{-4}$  | In Remediation                                    |   | 10  |   | √   |
| 24  | SRL GROUNDWATER  | Upper Three Runs                                  | M  | $> 10^{-4}$  | In Remediation                                    |   | 10  |   | √   |
| 387   | SPILL ON 12/01/71 OF 1000 GAL OF RAD WATER FROM 773-A, NBN                         | Upper Three Runs                                  | M  | $10^{-4}$ to $10^{-6}$   | In Remediation                                    |   | 9   | √   |   |
| 74  | FIRE DEPARTMENT HOSE TRAINING FACILITY, 904-113G                                   | Fourmile Branch                                   | N  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 76  | FORD BUILDING WASTE SITE, 643-11G  | Fourmile Branch                                   | N  | $< 10^{-6}$  | Complete  |   | 2   | A.7//A.1  |   |
| 228   | SPILL ON 09/08/83 OF ~10 GAL OF FINE-ORGANIC #101 FROM                             | Fourmile Branch                                   | N  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
|   | 8307Z, NBN   |   |  |  |   |   |   |   |   |
| 239   | ARSENIC TREATED WOOD STORAGE AREA, NBN                                 | Fourmile Branch                                   | N  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 243   | CENTRAL SHOPS AREA OF CONCERN, NBN                                     | Fourmile Branch                                   | N  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 355   | SANDBLAST AREA CMN-002, NBN  | Fourmile Branch                                   | N  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 31  | CENTRAL SHOPS BURNING/RUBBLE PIT, 631-6G                               | Pen Branch  | N  | $10^{-4}$ to $10^{-6}$   | Complete  | √   | 5   | A.1   |   |
| 60  | CENTRAL SHOPS SLUDGE LAGOON, 080-24G                                   | Pen Branch  | N  | $< 10^{-6}$  | Complete  |   | 6   | A.1   |   |
| 75  | FORD BUILDING SEEPAGE BASIN, 904-91G                                   | Pen Branch  | N  | $10^{-4}$ to $10^{-6}$   | Complete  | √   | 2   | A.2, A.3, A.7   |   |
| 382   | SPILL ON 10/09/85 OF 15 GAL OF AROPOL FROM 690-G, NBN                  | Pen Branch  | N  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 499   | CENTRAL SHOPS OPEN DISPOSAL TRENCH                                     | Pen Branch  | N  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 545   | ECODS N-2 (ADJACENT TO MISCELLANEOUS RUBBLE PILE, 631-7G)              | Pen Branch  | N  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 132   | SRL OIL TEST SITE, 080-16G   | Pen Branch  | N  | $10^{-4}$ to $10^{-6}$   | Complete  |   | 7   | √   |   |
| 57  | CENTRAL SHOPS BURNING/RUBBLE PIT, 631-5G                               | Fourmile Branch                                   | N  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 5   | √   |   |
| 244   | CENTRAL SHOPS SCRAP LUMBER PILE, 631-2G                                | Fourmile Branch                                   | N  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 5   | √   |   |
| 354   | SANDBLAST AREA CMN-001, NBN  | Fourmile Branch                                   | N  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 502   | HEAVY EQUIPMENT WASH BASIN   | Fourmile Branch                                   | N  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 5   | √   |   |
| 77  | G-AREA OIL SEEPAGE BASIN, 761-13G                                      | Pen Branch  | N  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 6   | √   |   |
| 82  | HYDROFLUORIC ACID SPILL, 631-4G  | Pen Branch  | N  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 9   | √   |   |
| 309   | MISCELLANEOUS RUBBLE PILE, 631-7G                                      | Pen Branch  | N  | $10^{-4}$ to $10^{-6}$   | In Assessment Phase                               |   | 5   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 311   | NEW SALVAGE YARD, 741-G  | Pen Branch  | N  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 525   | ECODS N-1 (SOUTH OF N AREA)  | Pen Branch  | N  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 58  | CENTRAL SHOPS BURNING/RUBBLE PIT, 631-1G                               | Fourmile Branch                                   | N  | 10-4 to 10-6   | In Remediation                                    |   | 5   | √   |   |
| 59  | CENTRAL SHOPS BURNING/RUBBLE PIT, 631-3G                               | Fourmile Branch                                   | N  | 10-4 to 10-6   | In Remediation                                    |   | 5   | √   |   |
| 17  | P-AREA ACID/CAUSTIC BASIN, 904-78G                                     | Lower Three Runs                                  | P  | $< 10^{-6}$  | Complete  |   | 8   | A.1, A.3  | B.1   |
| 107   | P-AREA BINGHAM PUMP OUTAGE PIT, 643-4G                                 | Lower Three Runs                                  | P  | 10-4 to 10-6   | Complete  | √   | 2   | A.2   | B.1   |
| 259   | COMBINED SPILLS FROM 183-2P, NBN                                       | Lower Three Runs                                  | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 287   | P-AREA ACID/CAUSTIC BASIN (GROUNDWATER)                                | Lower Three Runs                                  | P  | $< 10^{-6}$  | Complete  |   | 10  | A.1   | B.1   |
| 428   | SPILL ON 05/24/82 OF 10 GAL OF 31.5% ACID FROM 183-P, NBN              | Lower Three Runs                                  | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 109   | P-AREA COAL PILE RUNOFF BASIN, 189-P                                   | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 3   | A.7//A.1  | B.1   |
| 126   | SPILL ON 03/15/79 OF 500 GALLONS OF CONTAMINATED WATER, NBN            | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 221   | SANDBLAST AREA CMP-003, NBN  | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 315   | P-AREA EROSION CONTROL SITE, 131-1P                                    | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 356   | SANDBLAST AREA CMP-004, NBN  | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 358   | SANDBLAST AREA CMP-001, NBN  | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 434   | SPILL ON 05/09/85 OF 375 GAL OF PROCESS WATER FROM 106-P, NBN          | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 439   | SPILL ON 06/26/86 OF 1 GAL OF TRITIATED WASTE OIL FROM 110-P, NBN      | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 453   | SPILL ON 09/28/87 OF <30 GAL OF BROMOCIDE SOLN                         | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
|   | FROM 607-22P, NBN  |   |  |  |   |   |   |   |   |
| 498   | SANDBLAST AREA CMP-002, NBN  | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 515   | COMBINED SPILLS FROM 105-P, 106-P, AND 109-P, NBN                      | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 538   | ECODS P-1 (SOUTH OF P AREA)  | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 539   | ECODS P-2 (SOUTH OF P AREA)  | Steel Creek                                       | P  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 547   | P-AREA COAL PILE, NBN  | Steel Creek                                       | P  | $< 10^{-6}$  | In Assessment Phase                               |   | 3   | A.7//A.1  | B.1   |
| 316   | P-AREA REACTOR COOLING WATER SYSTEM, 186/190-P                         | Lower Three Runs                                  | P  | 10-4 to 10-6   | In Assessment Phase                               |   | 2   | √   |   |
| 557   | P-AREA PROCESS SEWER LINES AS ABANDONED, NBN                           | Lower Three Runs                                  | P  | $> 10^{-4}$  | In Assessment Phase                               |   | 4   | √   |   |
| 143   | P-AREA REACTOR GROUNDWATER   | Steel Creek                                       | P  | $> 10^{-4}$  | In Assessment Phase                               |   | 10  |   | √   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).         | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 313   | P-AREA ASH BASIN, 188-0P   | Steel Creek                                       | P  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |
| 314   | P-AREA DISASSEMBLY BASIN, 105-P  | Steel Creek                                       | P  | > 10-4   | In Assessment Phase                               |   | 2   | √   |   |
| 317   | P-AREA REACTOR SEEPAGE BASIN, 904-061G   | Steel Creek                                       | P  | > 10-4   | In Assessment Phase                               |   | 2   | √   |   |
| 318   | P-AREA REACTOR SEEPAGE BASIN, 904-062G   | Steel Creek                                       | P  | > 10-4   | In Assessment Phase                               |   | 2   | √   |   |
| 319   | P-AREA REACTOR SEEPAGE BASIN, 904-063G   | Steel Creek                                       | P  | > 10-4   | In Assessment Phase                               |   | 2   | √   |   |
| 462   | P-AREA REACTOR DISCHARGE CANAL, NBN  | Steel Creek                                       | P  | > 10-4   | In Assessment Phase                               |   | 2   | √   |   |
| 477   | P REACTOR AREA: P-AREA REACTOR AREA CASK CAR RAILROAD TRACKS AS ABANDONED, NBN | Steel Creek                                       | P  | > 10-4   | In Assessment Phase                               |   | 5   | √   |   |
| 108   | P-AREA BURNING/RUBBLE PIT, 131-P   | Steel Creek                                       | P  | 10-4 to 10-6   | In Remediation                                    |   | 5   | √   | √   |
| 112   | R-AREA ACID/CAUSTIC BASIN, 904-77G   | Lower Three Runs                                  | R  | < 10-6   | Complete  |   | 8   | A.1, A.3  | B.1   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 113   | R-AREA BINGHAM PUMP OUTAGE PITS, 643-10G                               | Lower Three Runs                                  | R  | 10-4 to 10-6   | Complete  | √   | 2   | A.2   |   |
| 114   | R-AREA BINGHAM PUMP OUTAGE PITS, 643-8G                                | Lower Three Runs                                  | R  | 10-4 to 10-6   | Complete  | √   | 2   | A.2   |   |
| 115   | R-AREA BINGHAM PUMP OUTAGE PITS, 643-9G                                | Lower Three Runs                                  | R  | 10-4 to 10-6   | Complete  | √   | 2   | A.2   |   |
| 178   | R-AREA ASBESTOS PIT, 080-01R   | Lower Three Runs                                  | R  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 540   | ECODS R-1A, -1B, -1C (EAST OF R REACTOR)                               | Lower Three Runs                                  | R  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 550   | R-AREA UNKNOWN PIT #1 (RUNK-1), NBN                                    | Lower Three Runs                                  | R  | 10-4 to 10-6   | Complete  | √   | 5   | A.2   |   |
| 551   | R-AREA UNKNOWN PIT #2 (RUNK-2), NBN                                    | Lower Three Runs                                  | R  | 10-4 to 10-6   | Complete  | √   | 5   | A.2   |   |
| 552   | R-AREA UNKNOWN PIT #3 (RUNK-3), NBN                                    | Lower Three Runs                                  | R  | 10-4 to 10-6   | Complete  | √   | 5   | A.2   |   |
| 179   | R-AREA RUBBLE, PIT 131-2R  | Upper Three Runs                                  | R  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |
| 42  | 108-4R OVERFLOW BASIN, 108-4R  | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 2   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 116   | R-AREA BURNING/RUBBLE PITS, 131-1R                                     | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 117   | R-AREA BURNING/RUBBLE PITS, 131-R                                      | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 118   | R-AREA RUBBLE PILE, 631-25G  | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 230   | R-AREA CONCRETE LAKE, 183-1R/186R                                      | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 231   | AREA ON THE NORTH SIDE OF BUILDING 105-R, NBN                          | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 233   | LAYDOWN AREA NORTH OF 105R, NBN  | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 5   | √   |   |
| 271   | COOLING WATER EFFLUENT SUMP, 107-R                                     | Lower Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 4   | √   |   |
| 288   | R-AREA GROUNDWATER, NBN  | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 10  |   | √   |
| 312   | OLD R-AREA DISCHARGE CANAL, NBN  | Lower Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 9   | √   |   |
| 324   | POTENTIAL RELEASE OF NAOH/H2 SO4 FROM 183-2R, NBN                      | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).         | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 329   | R-AREA ASH BASIN, 188-0R   | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 3   | √   |   |
| 330   | R-AREA DISASSEMBLY BASIN, 105-R  | Lower Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   |   |
| 478   | R REACTOR AREA: R-AREA REACTOR AREA CASK CAR RAILROAD TRACKS AS ABANDONED, NBN | Lower Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 5   | √   |   |
| 513   | RELEASE FROM THE DECONTAMINATION OF R-AREA REACTOR DISASSEMBLY BASIN, NBN      | Lower Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 9   | √   |   |
| 517   | COMBINED SPILLS NORTH OF BUILDING 105-R, NBN                                   | Lower Three Runs                                  | R  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 556   | R-AREA PROCESS SEWER LINES AS ABANDONED, NBN                                   | Lower Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 4   | √   |   |
| 119   | R-AREA REACTOR SEEPAGE BASINS, 904-103G  | Upper Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   | √   |
| 120   | R-AREA REACTOR SEEPAGE BASINS, 904-104G  | Upper Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   | √   |

**Table 4.3a\***  
**RBES Planned End State By Area**

**\*Data Consistantw/2004 PMP**

| Unit Index #                                | Unit Name   | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|---|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number).      | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 121   | R-AREA REACTOR SEEPAGE BASINS, 904-57G                                      | Upper Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   | √   |
| 122   | R-AREA REACTOR SEEPAGE BASINS, 904-58G                                      | Upper Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   | √   |
| 123   | R-AREA REACTOR SEEPAGE BASINS, 904-59G                                      | Upper Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   | √   |
| 124   | R-AREA REACTOR SEEPAGE BASINS, 904-60G                                      | Upper Three Runs                                  | R  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   | √   |
| 161   | DWPF CONCRETE BATCH PLANT, NBN  | Upper Three Runs                                  | S  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 339   | S-AREA EROSION CONTROL SITE, NBN  | Upper Three Runs                                  | S  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 393   | SPILL ON 02/20/85 OF 1 1/2 QT OF ACID MIXTURE FROM S-AREA TRAILER S-16, NBN | Upper Three Runs                                  | S  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 425   | SPILL ON 05/21/85 OF 20 GAL OF ACID FROM S-AREA, NBN                        | Upper Three Runs                                  | S  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 206   | TNX RUBBLE PILE, NBN  | Savannah River / Floodplain / Swamp               | T  | $< 10^{-6}$  | Complete  |   | 5   | A.1   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistantw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 267   | COMBINED SPILLS FROM 672-T, NBN  | Savannah River / Floodplain / Swamp               | T  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 268   | COMBINED SPILLS FROM 674-T (BONEYARD), NBN                             | Savannah River / Floodplain / Swamp               | T  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 269   | COMBINED SPILLS FROM 679-T, NBN  | Savannah River / Floodplain / Swamp               | T  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 350   | SANDBLAST AREA CMT-001, NBN  | Savannah River / Floodplain / Swamp               | T  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 351   | SANDBLAST AREA CMT-002, NBN  | Savannah River / Floodplain / Swamp               | T  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 401   | SPILL ON 03/17/88 OF $<1$ GAL OF SULFURIC ACID, NBN                    | Savannah River / Floodplain / Swamp               | T  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 443   | SPILL ON 07/11/84 OF 4 GAL OF PROCESS SOLUTION, NBN                    | Savannah River / Floodplain / Swamp               | T  | $< 10^{-6}$  | Complete  |   | 9   | A.1   |   |
| 104   | NEW TNX SEEPAGE BASIN, 904-102G  | Savannah River / Floodplain / Swamp               | T  | 10-4 to 10-6   | In Assessment Phase                               |   | 2   | √   |   |
| 106   | OLD TNX SEEPAGE BASIN, 904-076G  | Savannah River / Floodplain / Swamp               | T  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   |   |
| 127   | SPILL ON 01/12/53 OF 1/2 TON OF URANYL NITRATE, NBN                    | Savannah River / Floodplain / Swamp               | T  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |

**Table 4.3a\***  
**RBES Planned End State By Area**

\*Data Consistentw/2004 PMP

| Unit Index #                                | Unit Name  | Watershed   | Facility Area                              | FY03 Estimated Risk  | Status  | Institutional Controls in Place   | Waste Unit Group (Hazard Type)  | Soil Remedial Action  | Groundwater Remedial Action (NA)  |
|---|--|---|--|--|---|---|---|---|---|
| SRS unique identification waste unit number | Unit Name with facility or building number (NBN = no building number). | One of six SRS Watersheds where the unit resides. | Specific SRS geographic area unit resides. | Relative level of risk to a receptor from the unit, with $<10^{-6}$ being the lowest level and $>>10^{-4}$ being the greatest. | Status of unit in the regulatory cleanup process. | Units checked have SRS controls in place to restrict inappropriate uses of land or facilities when contaminants remain at the unit. | One of 11 generic hazard types used to categorize all SRS waste units. (Definitions in Appendix K.) | Remedial action in place for soils media. (Alpha numeric corresponds to actions defined in Appendix K; check mark denotes remedial action as yet to be determined.) | Remedial action in place for groundwater media. (Alpha numeric corresponds to actions defined in Appendix D; check mark denotes remedial action as yet to be determined.) |
| 139   | TNX BURYING GROUND, 643-5G   | Savannah River / Floodplain / Swamp               | T  | $> 10^{-4}$  | In Assessment Phase                               |   | 2   | √   | √   |
| 310   | NEUTRALIZATION SUMP, 678-T   | Savannah River / Floodplain / Swamp               | T  | 10-4 to 10-6   | In Assessment Phase                               |   | 4   | √   |   |
| 467   | X-001 OUTFALL DRAINAGE DITCH, NBN                                      | Savannah River / Floodplain / Swamp               | T  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 500   | TNX OUTFALL DELTA, LOWER DISCHARGE GULLY, AND SWAMP, NBN               | Savannah River / Floodplain / Swamp               | T  | 10-4 to 10-6   | In Assessment Phase                               |   | 9   | √   |   |
| 559   | TNX Process Sewer Lines  | Savannah River / Floodplain / Swamp               | T  | $> 10^{-4}$  | In Assessment Phase                               |   | 4   | √   |   |
| 25  | TNX GROUNDWATER, 082-G   | Savannah River / Floodplain / Swamp               | T  | $> 10^{-4}$  | In Remediation                                    |   | 10  |   | √   |

**Table 4.3b**  
**\*EM Integrated Deactivation and Decommissioning Plan**  
**\*Data consistent w/2004 PMP**

|  |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
|--|-------------|--|------------------------------------|
| <b>Name</b>                            | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| TEST PILE                              | A           | Other Industrial                                   | Demolish                           |
| CHEMICAL FEED FACILITY                 | A           | Other Industrial                                   | Demolish                           |
| WASTE TREATMENT FACILITY               | A           | Other Industrial                                   | Demolish                           |
| SEWAGE TREATMENT PLANT                 | A           | Other Industrial                                   | Demolish                           |
| SECURITY SOUTH ENTRY CONTROL           | A           | Never Contaminated                                 | Demolish                           |
| GUARDHOUSE @ EMPLOYMENT ROAD           | A           | Never Contaminated                                 | Demolish                           |
| GATEHOUSE, TECHNICAL AREA              | A           | Never Contaminated                                 | Demolish                           |
| TELEPHONE EXCHANGE BUILDING            | A           | Other Industrial                                   | Demolish                           |
| TELEPHONE BUILDING                     | A           | Other Industrial                                   | Demolish                           |
| COOLING WATER PUMP ENCLOSURE A/COMP RM | A           | Other Industrial                                   | Demolish                           |
| COOLING WATER PUMP ENCLOSURE B/COMP RM | A           | Other Industrial                                   | Demolish                           |
| DOE OFFICE BUILDING                    | A           | Never Contaminated                                 | Demolish                           |
| A&BA OFFICE BUILDING                   | A           | Never Contaminated                                 | Demolish                           |
| PUBLICATIONS BUILDING                  | A           | Other Industrial                                   | Demolish                           |
| COMPUTER BUILDING                      | A           | Never Contaminated                                 | Demolish                           |
| SUPPORT SERVICES BUILDING              | A           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATIVE CONTROL BUILDING        | A           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATION SUPPORT                 | A           | Never Contaminated                                 | Demolish                           |
| PUMP HOUSE                             | A           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATION BUILDING                | A           | Other Industrial                                   | Demolish                           |
| ENGINEERING OFFICE BUILDING            | A           | Never Contaminated                                 | Demolish                           |
| FIELD OFFICE FOR DOE                   | A           | Never Contaminated                                 | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| JANITORIAL SUBCONTRACT OFFICE                               | A           | Never Contaminated                                 | Demolish                           |
| CAFETERIA.  | A           | Never Contaminated                                 | Demolish                           |
| FIRE STATION NO. 1  | A           | Never Contaminated                                 | Demolish                           |
| WAREHOUSE BUILDING (EAST OF 714-A)                          | A           | Never Contaminated                                 | Demolish                           |
| STEEL AND PIPE STORAGE BUILDING                             | A           | Never Contaminated                                 | Demolish                           |
| LUMBER STORAGE  | A           | Never Contaminated                                 | Demolish                           |
| CENTRAL STORES WAREHOUSE                                    | A           | Never Contaminated                                 | Demolish                           |
| CENTRAL STORES STORAGE BUILDING                             | A           | Never Contaminated                                 | Demolish                           |
| CENTRAL STORES BUILDING                                     | A           | Never Contaminated                                 | Demolish                           |
| SPARE MACHINERY STORAGE                                     | A           | Never Contaminated                                 | Demolish                           |
| GASOLINE STATION  | A           | Other Industrial                                   | Demolish                           |
| SUPPORT SERVICES LOWER 700-G                                | A           | Never Contaminated                                 | Demolish                           |
| REGULATED VEHICLE MAINTENANCE BUILDING                      | A           | Other Industrial                                   | Demolish                           |
| AUTOMOTIVE REPAIR SHOP                                      | A           | Other Industrial                                   | Demolish                           |
| FPEG  | A           | Never Contaminated                                 | Demolish                           |
| CSWE WORKS ENG FAC UPPER 700                                | A           | Never Contaminated                                 | Demolish                           |
| VARNISH DIP TANK FACILITY                                   | A           | Other Industrial                                   | Demolish                           |
| MAINTENANCE WAREHOUSE                                       | A           | Never Contaminated                                 | Demolish                           |
| STORAGE BUILDING LOWER 700-A                                | A           | Never Contaminated                                 | Demolish                           |
| STORAGE BUILDING MUM  | A           | Never Contaminated                                 | Demolish                           |
| MAINTENANCE CENTRAL SHOP                                    | A           | Other Industrial                                   | Demolish                           |
| CFOD & GENERAL COUNSEL BUILDING                             | A           | Other Industrial                                   | Demolish                           |
| MEDICAL AND EMPLOYMENT BUILDING                             | A           | Never Contaminated                                 | Demolish                           |
| CENTRAL ALARM STATION (CAS)                                 | A           | Never Contaminated                                 | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| PATROL HEADQUARTERS   | A           | Never Contaminated                                 | Demolish                           |
| TRAINING SCHOOL AND LABORATORIES BLDG                       | A           | Never Contaminated                                 | Demolish                           |
| ELECTRICAL REPAIR SHOP                                      | A           | Never Contaminated                                 | Demolish                           |
| MOTOR SHOP AND BALANCING FACILITY                           | A           | Other Industrial                                   | Demolish                           |
| COMPUTER & COMMUNICATIONS REPAIR BLDG                       | A           | Never Contaminated                                 | Demolish                           |
| STORAGE BUILDING  | A           | Never Contaminated                                 | Demolish                           |
| STORAGE BUILDING  | A           | Never Contaminated                                 | Demolish                           |
| ELECTRICAL REPAIR SHOP                                      | A           | Never Contaminated                                 | Demolish                           |
| FIXTURE & EQUIPMENT STORAGE FACILITY                        | A           | Never Contaminated                                 | Demolish                           |
| ENGINEERING ASSISTANCE FACILITY                             | A           | Never Contaminated                                 | Demolish                           |
| STORAGE BUILDING  | A           | Never Contaminated                                 | Demolish                           |
| T&T STORAGE SHED  | A           | Never Contaminated                                 | Demolish                           |
| E&I VEHICLE STORAGE SHED                                    | A           | Never Contaminated                                 | Demolish                           |
| E&I-CS- CENTRAL SHOP OFFICE COMPLEX                         | A           | Never Contaminated                                 | Demolish                           |
| PAINT SHOP  | A           | Other Industrial                                   | Demolish                           |
| ENGINEERING AND TRAINING BUILDING                           | A           | Never Contaminated                                 | Demolish                           |
| OIL STORAGE BUILDING  | A           | Other Industrial                                   | Demolish                           |
| FLAMMABLE STORAGE HOUSE                                     | A           | Other Industrial                                   | Demolish                           |
| COMPRESSED GASES STORAGE                                    | A           | Never Contaminated                                 | Demolish                           |
| RADIOLOGICAL & ENVIRONMENTAL SUP FAC                        | A           | Other Industrial                                   | Demolish                           |
| ETD EQUIPMENT STORAGE                                       | A           | Never Contaminated                                 | Demolish                           |
| ENVIRONMENTAL STAGING BUILDING                              | A           | Other Industrial                                   | Demolish                           |
| HEALTH PROTECTION BOAT STORAGE BLDG                         | A           | Never Contaminated                                 | Demolish                           |
| METEOROLOGICAL SCIENCES LAB                                 | A           | Never Contaminated                                 | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| RADIOLOGICAL & ENVIRONMENTAL SCIENCE LAB                    | A           | Other Industrial                                   | Demolish                           |
| STANDARDS LABORATORY  | A           | Other Industrial                                   | Demolish                           |
| NORMAL GREENHOUSE NO. 2                                     | A           | Never Contaminated                                 | Demolish                           |
| NORMAL GREENHOUSE NO. 3                                     | A           | Never Contaminated                                 | Demolish                           |
| RHIZOTRON FACILITY  | A           | Other Industrial                                   | Demolish                           |
| WATERFOWL BREEDING PEN NO. 3                                | A           | Never Contaminated                                 | Demolish                           |
| WATERFOWL BREEDING PEN NO. 4                                | A           | Never Contaminated                                 | Demolish                           |
| COLD ROOM   | A           | Never Contaminated                                 | Demolish                           |
| SREL STORAGE BUILDING                                       | A           | Never Contaminated                                 | Demolish                           |
| BOAT STORAGE  | A           | Never Contaminated                                 | Demolish                           |
| ANIMAL HOLDING FACILITY                                     | A           | Never Contaminated                                 | Demolish                           |
| ANIMAL CARE FACILITY  | A           | Never Contaminated                                 | Demolish                           |
| MODULAR OFFICE  | A           | Other Industrial                                   | Demolish                           |
| SREL RECEIVING BUILDING                                     | A           | Never Contaminated                                 | Demolish                           |
| HEAD HOUSE  | A           | Never Contaminated                                 | Demolish                           |
| ISOTOPE GREENHOUSE-SREL COMPLEX                             | A           | Never Contaminated                                 | Demolish                           |
| GREENHOUSE-SREL COMPLEX                                     | A           | Never Contaminated                                 | Demolish                           |
| SHOP  | A           | Other Industrial                                   | Demolish                           |
| WATERFOWL BROODER HOUSE                                     | A           | Never Contaminated                                 | Demolish                           |
| NORTH WATERFOWL BREEDING PEN NO. 1                          | A           | Never Contaminated                                 | Demolish                           |
| SOUTH WATERFOWL BREEDING PEN NO. 2                          | A           | Never Contaminated                                 | Demolish                           |
| ENVIRONMENTAL RESEARCH LAB                                  | A           | Never Contaminated                                 | Demolish                           |
| ACID & SOLVENT STORAGE SHED                                 | A           | Chemical - Low Hazard                              | Demolish                           |
| STORAGE BUILDING  | A           | Never Contaminated                                 | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| SALVAGE AND RECLAMATION BUILDING                            | A           | Other Industrial                                   | Demolish                           |
| OFFICE BUILDING   | A           | Never Contaminated                                 | Demolish                           |
| VEHICLE SHED  | A           | Never Contaminated                                 | Demolish                           |
| RIGGING STORAGE   | A           | Never Contaminated                                 | Demolish                           |
| EXCESS SALES BUILDING                                       | A           | Never Contaminated                                 | Demolish                           |
| STORAGE FACILITY  | A           | Chemical - Low Hazard                              | Demolish                           |
| MAINTENANCE BUILDING  | A           | Other Industrial                                   | Demolish                           |
| CONTROL HOUSE   | A           | Other Industrial                                   | Demolish                           |
| PRIMARY SUBSTATION (HIGH VOLTAGE 115 KV)                    | A           | Other Industrial                                   | Demolish                           |
| DIESEL GENERATOR  | A           | Other Industrial                                   | Demolish                           |
| PROPANE GENERATOR   | A           | Other Industrial                                   | Demolish                           |
| UPS/GENERATOR ENCLOSURE                                     | A           | Other Industrial                                   | Demolish                           |
| DIESEL GENERATOR FOR 703-44A                                | A           | Other Industrial                                   | Demolish                           |
| TIRE STORAGE BUILDING                                       | A           | Never Contaminated                                 | Demolish                           |
| OFFICE OF COUNTERINTELLIGENCE                               | A           | Never Contaminated                                 | Demolish                           |
| CYLINDER STORAGE SHED                                       | A           | Never Contaminated                                 | Demolish                           |
| SRL OFFICE BUILDING   | A           | Never Contaminated                                 | Demolish                           |
| SRL OFFICE BUILDING   | A           | Never Contaminated                                 | Demolish                           |
| ENGINEERING & PLANNING BUILDING                             | A           | Never Contaminated                                 | Demolish                           |
| PSP POWER SUPPLY BUILDING                                   | A           | Other Industrial                                   | Demolish                           |
| ADMINISTRATIVE SERVICES                                     | A           | Never Contaminated                                 | Demolish                           |
| CENTRAL RECORDS FACILITY                                    | A           | Never Contaminated                                 | Demolish                           |
| MAIN TECHNICAL LABORATORY                                   | A           | Nuclear  | Demolish                           |
| WASTE PROCESS AND FRACTURE TOUGHNESS FITNESS FAC            | A           | Nuclear  | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| MAINTENANCE WORK SHOP                                       | A           | Other Industrial                                   | Demolish                           |
| CENTRAL COMPRESSOR BUILDING                                 | A           | Other Industrial                                   | Demolish                           |
| HI LEVEL PIPE GALLERY ACCESS BUILDING                       | A           | Other Industrial                                   | Demolish                           |
| CONTROL HOUSE   | A           | Nuclear  | Demolish                           |
| TANK BUILDING   | A           | Nuclear  | Demolish                           |
| STRAINER CHANGE HOUSE                                       | A           | Nuclear  | Demolish                           |
| HIGH LEVEL VENT FILTER HOUSE                                | A           | Nuclear  | Demolish                           |
| TANK BUILDING VENT AREA                                     | A           | Nuclear  | Demolish                           |
| WASTE LOADING STATION                                       | A           | Nuclear  | Demolish                           |
| STORAGE BUILDING  | A           | Other Industrial                                   | Demolish                           |
| SITE UTILITIES OFFICE FACILITY                              | A           | Other Industrial                                   | Demolish                           |
| HEALTH PROTECTION STORAGE FACILITY                          | A           | Other Industrial                                   | Demolish                           |
| MANIPULATOR REPAIR SHOP                                     | A           | Other Industrial                                   | Demolish                           |
| CHEMICAL FEED BUILDING-WEST OF 784-A                        | A           | Chemical - Low Hazard                              | Demolish                           |
| CHLORINE FEED BUILDING FOR 785-A                            | A           | Other Industrial                                   | Demolish                           |
| 3/700 TC FACILITY   | A           | Never Contaminated                                 | Demolish                           |
| DOMESTIC WATER STORAGE TANK                                 | A           | Never Contaminated                                 | Demolish                           |
| A-AREA DOMESTIC WATER CENTRAL TREATMENT PLANT               | A           | Chemical - Low Hazard                              | Demolish                           |
| MAINTENANCE SHOP BOILER HOUSE                               | A           | Other Industrial                                   | Demolish                           |
| E&I STORAGE BUILDING  | A           | Never Contaminated                                 | Demolish                           |
| COAL HANDLER OBSERVATION BUILDING                           | A           | Other Industrial                                   | Demolish                           |
| BOILER HOUSE  | A           | Chemical - Low Hazard                              | Demolish                           |
| COOLING TOWER NO. 2   | A           | Never Contaminated                                 | Demolish                           |
| CHILLER   | A           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| COOLING TOWER   | A           | Never Contaminated                                 | Demolish                           |
| HEAT TRANSFER LABORATORY                                    | A           | Other Industrial                                   | Demolish                           |
| POLLUTION CONTROL STACK, 773-A                              | A           | Other Industrial                                   | Demolish                           |
| EXHAUST FAN HOUSE   | A           | Other Industrial                                   | Demolish                           |
| SAND FILTER AND SUPPLY TUNNEL                               | A           | Other Industrial                                   | Demolish                           |
| CHEMICAL FEED FAC   | B           | Other Industrial                                   | Demolish                           |
| SANITARY WASTE WATER FACILITY                               | B           | Other Industrial                                   | ISD                                |
| KENNEL FACILITIES   | B           | Never Contaminated                                 | Demolish                           |
| WSI TRAINING BLDG   | B           | Never Contaminated                                 | Demolish                           |
| HELICOPTER SUPP FAC, HANGER                                 | B           | Other Industrial                                   | Demolish                           |
| HELICOPTER SUPP FAC OPR ANN                                 | B           | Other Industrial                                   | Demolish                           |
| WSI ADMINISTRATION BLDG                                     | B           | Never Contaminated                                 | Demolish                           |
| WSI TRAINING BUILDING                                       | B           | Never Contaminated                                 | Demolish                           |
| B-AREA ENGINEER SUPPORT BLDG                                | B           | Never Contaminated                                 | Demolish                           |
| HAZARDOUS CHEMICAL STORAGE                                  | B           | Other Industrial                                   | Demolish                           |
| HAZARDOUS CHEMICAL STORAGE                                  | B           | Other Industrial                                   | Demolish                           |
| STORAGE   | B           | Other Industrial                                   | Demolish                           |
| WSI AUTOMOTIVE SHOP   | B           | Chemical - Low Hazard                              | Demolish                           |
| RECORDS STORAGE BLDG NO.2                                   | B           | Other Industrial                                   | Demolish                           |
| ENGINEERING SUPPORT FACILITY                                | B           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATION BUILDING NO. 2                               | B           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATION BUILDING NO. 3                               | B           | Never Contaminated                                 | Demolish                           |
| ENGINEERING CENTER  | B           | Never Contaminated                                 | Demolish                           |
| REGULATORY MONITORING & BIOASSAY LAB AUXILIARY              | B           | Chemical - Low Hazard                              | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| HEALTH PROTECTION CALIBRATION FACILITY                      | B           | Other Industrial                                   | Demolish                           |
| WHOLE BODY COUNT FACILITY                                   | B           | Never Contaminated                                 | Demolish                           |
| HEALTH PROTECTION RADIOLOGICAL                              | B           | Chemical - Low Hazard                              | Demolish                           |
| 5000 KVA SUBSTATION   | B           | Other Industrial                                   | Demolish                           |
| RESEARCH LABORATORY (EPA STREAMS)                           | B           | Other Industrial                                   | Demolish                           |
| STORAGE & LAB FAC   | B           | Other Industrial                                   | Demolish                           |
| CHILLER BUILDING COOLING TOWER                              | B           | Other Industrial                                   | Demolish                           |
| CHILLER BUILDING  | B           | Other Industrial                                   | Demolish                           |
| REFRIGERATION BUILDING                                      | B           | Chemical - Low Hazard                              | Demolish                           |
| AMMUNITION BUNKER   | B           | Never Contaminated                                 | Demolish                           |
| FIRE WATER PUMP HOUSE                                       | B           | Other Industrial                                   | Demolish                           |
| REACTOR BUILDING  | C           | Nuclear  | ISD                                |
| COOLING WATER EFFLUENT SUMP                                 | C           | Other Industrial                                   | ISD                                |
| ENGINE HOUSE  | C           | Other Industrial                                   | ISD                                |
| ENGINE HOUSE  | C           | Other Industrial                                   | ISD                                |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | C           | Other Industrial                                   | ISD                                |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | C           | Other Industrial                                   | ISD                                |
| GENERATOR ROOM  | C           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | C           | Never Contaminated                                 | Demolish                           |
| COOLING WATER RESERVOIR                                     | C           | Other Industrial                                   | ISD                                |
| COOLING WATER PUMP HOUSE                                    | C           | Other Industrial                                   | ISD                                |
| FENCE & RD LIGHTING (INC REGU & TRANS)                      | C           | Other Industrial                                   | Demolish                           |
| AIR COMPRESSOR BUILDING                                     | C           | Never Contaminated                                 | Demolish                           |
| EFFLUENT MONITORING BUILDING                                | C           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| AREA GATEHOUSE & PATROL HQ                                  | C           | Other Industrial                                   | Demolish                           |
| GATEHOUSE ENTRANCE AT BLDG 105                              | C           | Other Industrial                                   | Demolish                           |
| TELEPHONE EXCHANGE BUILDING                                 | C           | Other Industrial                                   | Demolish                           |
| TELEPHONE EXCHANGE BUILDING                                 | C           | Other Industrial                                   | Demolish                           |
| AREA ADM & SERVICES BUILDING                                | C           | Never Contaminated                                 | Demolish                           |
| REACTOR ENGINEERING OFFICE BUILDING                         | C           | Never Contaminated                                 | Demolish                           |
| REACTOR SUPPORT SERVICES BUILDING                           | C           | Never Contaminated                                 | Demolish                           |
| REACTOR TRAINING FACILITY                                   | C           | Never Contaminated                                 | Demolish                           |
| OFFICE BUILDING   | C           | Never Contaminated                                 | Demolish                           |
| REACTOR SIMULATOR TRAINING FACILITY                         | C           | Never Contaminated                                 | Demolish                           |
| MAINTENANCE MATERIAL STORAGE BUILDING                       | C           | Other Industrial                                   | Demolish                           |
| CONTAMINATED MAINTENANCE FACILITY                           | C           | Other Industrial                                   | Demolish                           |
| FIRE FIGHTING SIMULATOR BLDG (FOREST OFFICE                 | D           | Other Industrial                                   | Demolish                           |
| TUBE BUNDLE CLEANING SHELTER                                | D           | Other Industrial                                   | Demolish                           |
| WEST SUBSTATION B   | D           | Other Industrial                                   | Demolish                           |
| EAST SUBSTATION A   | D           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | D           | Other Industrial                                   | Demolish                           |
| MASK MAINTENANCE BUILDING                                   | D           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING EAST                                       | D           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING WEST                                       | D           | Other Industrial                                   | Demolish                           |
| REWORK HANDLING FACILITY                                    | D           | Radiological                                       | Demolish                           |
| CONCENTRATOR BUILDING                                       | D           | Radiological                                       | Demolish                           |
| MODERATOR HANDLING AND STORAGE                              | D           | Other Industrial                                   | Demolish                           |
| DRUM STORAGE  | D           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b><br><b>*EM Integrated Deactivation and Decommissioning Plan</b><br><b>*Data consistent w/2004 PMP</b> |             |  |                                    |
|--|-------------|--|------------------------------------|
|  |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>  | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| HEAVY WATER EQUIPMENT STORAGE  | D           | Other Industrial                                   | Demolish                           |
| FINISHING BUILDING   | D           | Other Industrial                                   | Demolish                           |
| PRIMARY SUBSTATION (HIGH VOLTAGE 115 KV)   | D           | Other Industrial                                   | Demolish                           |
| DIESEL FUEL UNDERGROUND STORAGE TANK   | D           | Other Industrial                                   | Demolish                           |
| MAINTENANCE MATL. STORAGE  | D           | Other Industrial                                   | Demolish                           |
| MAINTENANCE FIELD OFFICE AND SHOP  | D           | Other Industrial                                   | Demolish                           |
| MOTOR CONTROL CENTER   | D           | Other Industrial                                   | Demolish                           |
| WATER FILTRATION AND TREATMENT PLANT   | D           | Other Industrial                                   | Demolish                           |
| SOFTENER AND SILICA ABSORBER BLDG.   | D           | Other Industrial                                   | Demolish                           |
| ELECTRICAL CONTROL BUILDING  | D           | Other Industrial                                   | Demolish                           |
| CHEMICAL FEED SYSTEMS FOR DOMESTIC WATER   | D           | Chemical - Low Hazard                              | Demolish                           |
| SOFTENER BUILDING  | D           | Other Industrial                                   | ISD                                |
| OIL SHED BUILDING  | D           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING   | D           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING   | D           | Other Industrial                                   | Demolish                           |
| STORAGE SHED   | D           | Other Industrial                                   | Demolish                           |
| POWER MAINTENANCE FACILITY BUILDING  | D           | Other Industrial                                   | Demolish                           |
| VALVE HOUSE  | D           | Other Industrial                                   | Demolish                           |
| POWERHOUSE   | D           | Other Industrial                                   | Demolish                           |
| COOLING TOWER  | D           | Other Industrial                                   | Demolish                           |
| CHEMICAL FEED FACILITY   | D           | Other Industrial                                   | Demolish                           |
| MAINTENANCE SUPPORT ADMINISTRATION BUILDING  | D           | Other Industrial                                   | Demolish                           |
| TELEPHONE EXCHANGE BUILDING  | D           | Other Industrial                                   | Demolish                           |
| AREA ADM. BLDG. & FIRST AID  | D           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| JANITORIAL SUBCONTRACT OFFICE                               | D           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | D           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | D           | Other Industrial                                   | Demolish                           |
| T&T OFFICE AND STORAGE BUILDING                             | D           | Other Industrial                                   | Demolish                           |
| STORAGE AREA  | D           | Other Industrial                                   | Demolish                           |
| WELDING SHOP  | D           | Other Industrial                                   | Demolish                           |
| SHOPS, STORES AND CHANGE HOUSE                              | D           | Other Industrial                                   | Demolish                           |
| CONTROL LABORATORY AND SUPERVISOR'S OFFICE                  | D           | Other Industrial                                   | Demolish                           |
| HIGH POINT VALVE BOX  | E           | Other Industrial                                   | ISD                                |
| ADMINISTRATIVE BUILDING                                     | E           | Never Contaminated                                 | Demolish                           |
| Mixed Waste Storage   | E           | Nuclear  | Demolish                           |
| MIXED WASTE STORAGE EXPANSION                               | E           | Nuclear  | Demolish                           |
| STORAGE/WORK SPACE, MAINT, RIGGING, HEAVY EQUIP             | E           | Other Industrial                                   | Demolish                           |
| STORAGE/WORK SPACE, MAINT, RIGGING, HEAVY EQUIP             | E           | Other Industrial                                   | Demolish                           |
| TRU WASTE STORAGE PAD NO. 14                                | E           | Nuclear  | Demolish                           |
| TRU WASTE STORAGE PAD NO. 15                                | E           | Nuclear  | Demolish                           |
| TRU WASTE STORAGE PAD NO. 16                                | E           | Nuclear  | Demolish                           |
| TRU WASTE STORAGE PAD NO. 17                                | E           | Nuclear  | Demolish                           |
| TRU WASTE STORAGE PAD NO. 18                                | E           | Nuclear  | Demolish                           |
| TRU WASTE STORAGE PAD NO. 19                                | E           | Nuclear  | Demolish                           |
| TRU WASTE STORAGE PAD NO. 3                                 | E           | Nuclear  | Demolish                           |
| TRU WASTE STORAGE PAD NO. 4                                 | E           | Nuclear  | Demolish                           |
| TRU WASTE STORAGE PAD NO. 5                                 | E           | Nuclear  | Demolish                           |
| TRU WASTE STORAGE PAD NO. 6                                 | E           | Nuclear  | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| LOW ACTIVITY WASTE VAULT                                    | E           | Nuclear  | ISD                                |
| ILT VAULT   | E           | Nuclear  | ISD                                |
| ILNT VAULT  | E           | Nuclear  | ISD                                |
| ASSOCIATED WASTE SHREDDER BUILDING                          | E           | Other Industrial                                   | Demolish                           |
| OFFICE/STORAGE BUILDING                                     | E           | Never Contaminated                                 | Demolish                           |
| BURYING GROUND ADMINISTRATION BUILDING                      | E           | Other Industrial                                   | Demolish                           |
| EXPERIMENTAL TRU WASTE ASSAY BUILDING                       | E           | Nuclear  | Demolish                           |
| CONTROL HOUSE   | F           | Other Industrial                                   | Demolish                           |
| CONTROL AND CHECK HOUSE                                     | F           | Other Industrial                                   | Demolish                           |
| WASTE TRUCK UNLOADING HOUSE                                 | F           | Nuclear  | Demolish                           |
| CHEMICAL HANDLING FACILITY                                  | F           | Other Industrial                                   | Demolish                           |
| STORES DROP POINT   | F           | Never Contaminated                                 | Demolish                           |
| CANYON AUXILIARIES  | F           | Nuclear  | Demolish                           |
| URANIUM OXIDE STORAGE                                       | F           | Nuclear  | Demolish                           |
| CONTROL AND ALARM CENTER                                    | F           | Never Contaminated                                 | ISD                                |
| CONSTRUCTION LAYDOWN & B25 STORAGE BLDG                     | F           | Never Contaminated                                 | Demolish                           |
| A - LINE  | F           | Nuclear  | Demolish                           |
| COMPRESSOR BUILDING   | F           | Other Industrial                                   | Demolish                           |
| URANIUM OXIDE STORAGE BUILDING                              | F           | Nuclear  | Demolish                           |
| STORAGE BUILDING  | F           | Nuclear  | Demolish                           |
| EQUIPMENT STORAGE FACILITY                                  | F           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | F           | Never Contaminated                                 | Demolish                           |
| SEPARATIONS PLANNING & SCHEDULING BLDG.                     | F           | Never Contaminated                                 | Demolish                           |
| MATERIAL ACCESS CENTER WAREHOUSE                            | F           | Chemical - Low Hazard                              | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| CONSTRUCTION CHANGE FACILITY                                | F           | Other Industrial                                   | Demolish                           |
| CANYON BUILDING   | F           | Nuclear  | ISD                                |
| COLD FEED PREP. AREA  | F           | Chemical - Low Hazard                              | Demolish                           |
| REFRIGERATION BLDG. NO. 1                                   | F           | Other Industrial                                   | Demolish                           |
| REFRIGERATION BLDG. NO. 2                                   | F           | Other Industrial                                   | Demolish                           |
| METALLURGICAL BUILDING                                      | F           | Nuclear  | ISD                                |
| STORAGE/SUPPLY BUILDING                                     | F           | Never Contaminated                                 | Demolish                           |
| GANG VALVE HOUSE  | F           | Nuclear  | Demolish                           |
| WEST PUMP HOUSE   | F           | Other Industrial                                   | Demolish                           |
| EAST PUMP HOUSE   | F           | Other Industrial                                   | ISD                                |
| CONTROL ROOM/MCC  | F           | Nuclear  | Demolish                           |
| CONTROL ROOM  | F           | Nuclear  | Demolish                           |
| COOLING TOWERS/PUMP HOUSE SER. 25-28,44-47                  | F           | Other Industrial                                   | Demolish                           |
| FDB-4 AND FPPs 2 AND 3                                      | F           | Nuclear  | Demolish                           |
| OFFICE/CHANGE ROOMS   | F           | Other Industrial                                   | Demolish                           |
| FDB-1   | F           | Nuclear  | ISD                                |
| FDB-6 DIVERSION BOX   | F           | Nuclear  | Demolish                           |
| FDB-5 DIVERSION BOX   | F           | Nuclear  | Demolish                           |
| AIR COMPRESSOR BUILDING                                     | F           | Other Industrial                                   | Demolish                           |
| MAINTENANCE SHOP BUILDING                                   | F           | Never Contaminated                                 | Demolish                           |
| MCC BUILDING  | F           | Other Industrial                                   | Demolish                           |
| AIR COMPRESSOR BLDG.  | F           | Other Industrial                                   | Demolish                           |
| BREATHING AIR COMPRESSOR BLDG.                              | F           | Other Industrial                                   | Demolish                           |
| CONTROL ROOM/MCC  | F           | Nuclear  | Demolish                           |



| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| WASTE STORAGE TANK  | F           | Nuclear  | ISD                                |
| WASTE STORAGE TANK  | F           | Nuclear  | ISD                                |
| RADCON TRAILER NEAR TANK 4                                  | F           | Other Industrial                                   | Demolish                           |
| RADCON TRAILER NEAR 1F EVAPORATOR                           | F           | Other Industrial                                   | Demolish                           |
| RADCON TRAILER AND 2F EVAPORATOR                            | F           | Other Industrial                                   | Demolish                           |
| 2F EVAPORATOR   | F           | Nuclear  | Demolish                           |
| CTS PIT   | F           | Other Industrial                                   | ISD                                |
| RADCON TRAILER NEAR FDB-2                                   | F           | Other Industrial                                   | Demolish                           |
| RADCON TRAILER NEAR TANKS 33/34                             | F           | Other Industrial                                   | Demolish                           |
| 1F EVAPORATOR   | F           | Nuclear  | Demolish                           |
| BLEND CABINET STORAGE BLDG                                  | F           | Other Industrial                                   | Demolish                           |
| EQUIPMENT TEST FACILITY                                     | F           | Other Industrial                                   | Demolish                           |
| WAREHOUSE   | F           | Never Contaminated                                 | Demolish                           |
| WAREHOUSE   | F           | Never Contaminated                                 | Demolish                           |
| EC PROCESS BUILDING   | F           | Other Industrial                                   | Demolish                           |
| COMPRESSED GAS STORAGE BUILDING                             | F           | Other Industrial                                   | Demolish                           |
| MANUFACTURING BUILDING                                      | F           | Radiological                                       | Demolish                           |
| FAB SHOP  | F           | Other Industrial                                   | Demolish                           |
| PRIMARY SUBSTATION (HIGH VOLTAGE 115KV)                     | F           | Other Industrial                                   | Demolish                           |
| SECONDARY TRANSFORMER STATION FOR 241F                      | F           | Other Industrial                                   | Demolish                           |
| SUBSTATION NEXT TO 772-F                                    | F           | Other Industrial                                   | Demolish                           |
| TRANSFORMER-1   | F           | Other Industrial                                   | Demolish                           |
| TRANSFORMER - 2   | F           | Other Industrial                                   | Demolish                           |
| DIESEL GENERATOR BUILDING                                   | F           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| DIESEL GENERATOR FACILITY, 246-F                            | F           | Other Industrial                                   | Demolish                           |
| DIESEL HOUSE  | F           | Nuclear  | Demolish                           |
| DIESEL GENERATOR  | F           | Other Industrial                                   | Demolish                           |
| DIESEL GENERATOR  | F           | Other Industrial                                   | Demolish                           |
| STORAGE SHED  | F           | Never Contaminated                                 | Demolish                           |
| CHEMICAL FEED BUILDING                                      | F           | Nuclear  | Demolish                           |
| CHEMICAL FEED BUILDING                                      | F           | Other Industrial                                   | Demolish                           |
| FILTER AND DEIONIZER FACILITY                               | F           | Other Industrial                                   | Demolish                           |
| RETURN WATER DELAYING BASIN                                 | F           | Nuclear  | ISD                                |
| COOLING WATER ACTIVITIES MONITORING BLDG                    | F           | Nuclear  | Demolish                           |
| RETURN WATER PUMPING BASIN                                  | F           | Nuclear  | Demolish                           |
| MONITORING HOUSE  | F           | Nuclear  | Demolish                           |
| SEGREGATED WATER DELAYING BASIN                             | F           | Nuclear  | ISD                                |
| MONITORING HOUSE  | F           | Nuclear  | Demolish                           |
| STORAGE BASIN, 4 MILLION GALLON, LINED                      | F           | Radiological                                       | Demolish                           |
| RESERVOIR AND PUMP HOUSE                                    | F           | Other Industrial                                   | Demolish                           |
| E&I SAFEGUARDS & SECURITY SHOP                              | F           | Nuclear  | Demolish                           |
| POWER SERVICE BUILDING                                      | F           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | F           | Never Contaminated                                 | Demolish                           |
| CHILLER BUILDING  | F           | Other Industrial                                   | Demolish                           |
| COOLING TOWER NO. 1   | F           | Other Industrial                                   | Demolish                           |
| COOLING TOWER   | F           | Other Industrial                                   | Demolish                           |
| COOLING TOWER   | F           | Other Industrial                                   | Demolish                           |
| CANYON STACK  | F           | Radiological                                       | Demolish                           |

**Table 4.3b**  
**\*EM Integrated Deactivation and Decommissioning Plan**  
**\*Data consistent w/2004 PMP**

| Name   | Area | Risk/Hazard Type                            | Technology                  |
|--|------|---|-----------------------------|
|  |      | Conceptual Site Model Hazard / Current Risk | Decommissioning Alternative |
| VESSEL VENT FAN HOUSE                            | F    | Radiological                                | Demolish                    |
| SAND FILTER FAN HOUSE                            | F    | Radiological                                | Demolish                    |
| CANYON EXHAUST FAN HOUSE                         | F    | Radiological                                | Demolish                    |
| METALLURGICAL BUILDING STACK                     | F    | Radiological                                | Demolish                    |
| ADDITIONAL CANYON SAND FILTER                    | F    | Nuclear                                     | Demolish                    |
| SAND FILTER FOR 235-F                            | F    | Nuclear                                     | Demolish                    |
| CANYON EXHAUST FILTERS                           | F    | Nuclear                                     | Demolish                    |
| CHEMICAL FEED FACILITY                           | F    | Other Industrial                            | Demolish                    |
| LIFT STATION                                     | F    | Radiological                                | ISD                         |
| NAVAL FUEL PUMP STA FOR WASTEWATER TREATMENT FAC | F    | Other Industrial                            | Demolish                    |
| F-AREA PUMP STA WSTWTR TRTMNT FAC                | F    | Other Industrial                            | Demolish                    |
| INTER TRANS LINES DVRBOX/PUMP PIT (FDB-2)        | F    | Nuclear                                     | ISD                         |
| PATROL HEADQUARTERS                              | F    | Other Industrial                            | Demolish                    |
| GUARDHOUSE                                       | F    | Never Contaminated                          | Demolish                    |
| GUARDHOUSE                                       | F    | Never Contaminated                          | Demolish                    |
| GATEHOUSE ENTRANCE TO 235-F                      | F    | Never Contaminated                          | Demolish                    |
| GATEHOUSE  | F    | Never Contaminated                          | Demolish                    |
| TELEPHONE EXCHANGE BUILDING                      | F    | Other Industrial                            | Demolish                    |
| SEPARATIONS SUPPORT BUILDING                     | F    | Never Contaminated                          | Demolish                    |
| TEMP ADMINISTRATION BLDG                         | F    | Never Contaminated                          | Demolish                    |
| AREA ADMIN AND SER. BLDG.                        | F    | Other Industrial                            | Demolish                    |
| PROJECT OFFICE BUILDING                          | F    | Never Contaminated                          | Demolish                    |
| A-LINE CHANGE HOUSE                              | F    | Other Industrial                            | Demolish                    |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| REGULATED SHOPS   | F           | Other Industrial                                   | Demolish                           |
| GENERAL ADMINISTRATIVE FACILITY                             | F           | Never Contaminated                                 | Demolish                           |
| SEPARATIONS SUPPORT SERVICES                                | F           | Never Contaminated                                 | Demolish                           |
| FIRE PROTECTION EQUIPMENT BUILDING                          | F           | Other Industrial                                   | Demolish                           |
| FIRE STATION #2   | F           | Never Contaminated                                 | Demolish                           |
| PIPE SHOP   | F           | Never Contaminated                                 | Demolish                           |
| STEEL & PIPE STORAGE BUILDING                               | F           | Never Contaminated                                 | Demolish                           |
| OFFICE BUILDING   | F           | Never Contaminated                                 | Demolish                           |
| CRAFT BLDG/STORAGE 235-F                                    | F           | Never Contaminated                                 | Demolish                           |
| CONST CRAFT MATERIAL STORAGE BLDG                           | F           | Other Industrial                                   | Demolish                           |
| AREA SHOPS  | F           | Other Industrial                                   | Demolish                           |
| CENTRAL ALARM STATION (CAS)                                 | F           | Never Contaminated                                 | Demolish                           |
| CONSTRUCTION LAUNDRY ROOM                                   | F           | Other Industrial                                   | Demolish                           |
| LAUNDRY   | F           | Other Industrial                                   | Demolish                           |
| URANIUM OXIDE STORAGE                                       | F           | Nuclear  | Demolish                           |
| RESPIRATOR FIT TEST TRAILER                                 | F           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | F           | Nuclear  | Demolish                           |
| PRODUCTION CONTROL FACILITY                                 | F           | Nuclear  | Demolish                           |
| LAB HEPA FILTRATION BLDG                                    | F           | Radiological                                       | Demolish                           |
| CONTROL LABORATORY  | F           | Nuclear  | ISD                                |
| FIRE WATER PUMP HOUSE                                       | F           | Never Contaminated                                 | Demolish                           |
| WASTE TANK PROCESS WATER WELL SW 284-F                      | F           | Other Industrial                                   | Demolish                           |
| WELL, NORTH OF 252-7F (ABANDONED)                           | F           | Other Industrial                                   | Demolish                           |
| SWITCHING STATION   | G           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| SWITCHING STATION   | G           | Other Industrial                                   | Demolish                           |
| SWITCHING STATION   | G           | Other Industrial                                   | Demolish                           |
| CHEM FEED BLDG WSTWTR TRTMNT EQPM                           | G           | Other Industrial                                   | Demolish                           |
| INFLUENT HEADWRKS FOR WASTEWATER TREATMENT EQPMN            | G           | Other Industrial                                   | Demolish                           |
| EQUALIZATION BASIN WSTWTR TRTMNT EQPM                       | G           | Other Industrial                                   | ISD                                |
| EQUALIZATION BASIN WSTWTR TRTMNT EQPM                       | G           | Other Industrial                                   | ISD                                |
| PUMP STA 4000B WSTWTR TRTMNT FAC                            | G           | Other Industrial                                   | ISD                                |
| PUMP STA 4000C WSTWTR TRTMNT FAC                            | G           | Other Industrial                                   | ISD                                |
| PUMP STA5000A WSTWTR TRTMNT FAC                             | G           | Other Industrial                                   | ISD                                |
| PUMP STA 6000A WSTWTR TRTMNT FAC                            | G           | Other Industrial                                   | ISD                                |
| OXIDATN DITCH & CLAR #1 WSTWTR TRTMNT EQPM                  | G           | Other Industrial                                   | ISD                                |
| OXIDATN DITCH CLAR#2 WSTWTR TREATMENT EQPM                  | G           | Other Industrial                                   | ISD                                |
| OXIDATN DITCH & CLAR #3 WASTWTR TRTMNT EQP                  | G           | Other Industrial                                   | ISD                                |
| UV DISINFCTN BSN CASCADE UNIT WSTWTR TRTMNT                 | G           | Other Industrial                                   | ISD                                |
| SLUDGE THICKENER WSTWTR TRTMNT EQP                          | G           | Other Industrial                                   | Demolish                           |
| PUMP STATION 2000B WSTWTR TRTMNT FAC                        | G           | Other Industrial                                   | ISD                                |
| PUMP STN 3000A WASTEWATER TREATMENT FACL                    | G           | Other Industrial                                   | ISD                                |
| PUMP STN 4000A WASTEWATER TREATMENT FACL                    | G           | Other Industrial                                   | ISD                                |
| CSWTF MAINTENANCE BUILDING                                  | G           | Chemical - Low Hazard                              | Demolish                           |
| SANITARY SEWAGE PUMP STATION                                | G           | Other Industrial                                   | ISD                                |
| TRACK SCALE HOUSE   | G           | Never Contaminated                                 | Demolish                           |
| TRACK MAINTENANCE BUILDING                                  | G           | Never Contaminated                                 | Demolish                           |
| WIND DATA BUILDING-N OF A-AREA                              | G           | Never Contaminated                                 | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| WIND DATA BUILDING-N-NW OF H-AREA                           | G           | Never Contaminated                                 | Demolish                           |
| WIND DATA BUILDING-E-SE OF F-AREA                           | G           | Never Contaminated                                 | Demolish                           |
| WIND DATA BUILDING-S-SE OF C-AREA                           | G           | Never Contaminated                                 | Demolish                           |
| WIND DATA BUILDING-E-SE OF K-AREA                           | G           | Never Contaminated                                 | Demolish                           |
| WIND DATA BUILDING-SE OF P-AREA                             | G           | Never Contaminated                                 | Demolish                           |
| WIND DATA BUILDING-E OF L-AREA                              | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | G           | Never Contaminated                                 | Demolish                           |
| SECURITY CLASS ROOM   | G           | Never Contaminated                                 | Demolish                           |
| LOCOMOTIVE SHOP   | G           | Other Industrial                                   | Demolish                           |
| COMMUNICATIONS FACILITY                                     | G           | Other Industrial                                   | Demolish                           |
| RADIO TRUNKING TOWER  | G           | Never Contaminated                                 | Demolish                           |
| WAREHOUSE   | G           | Never Contaminated                                 | Demolish                           |
| PRIMARY TRANSFORMER SUBSTATION/681-1G                       | G           | Other Industrial                                   | Demolish                           |
| PRIMARY TRANSFORMER SUBSTATION/681-3G                       | G           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| PRIMARY TRANSFORMER SUBSTATION/681-6G                       | G           | Other Industrial                                   | Demolish                           |
| EMERG TRNS WSTEWTR TRTMT EQUIP (WAS 654001G                 | G           | Other Industrial                                   | Demolish                           |
| FIRING SHED   | G           | Never Contaminated                                 | Demolish                           |
| PATROL TRAINING BLDG-RIFLE & PISTOL RANGE                   | G           | Never Contaminated                                 | Demolish                           |
| UP-STREAM WATER PUMP HOUSE FOR 100 AREAS                    | G           | Other Industrial                                   | Demolish                           |
| CHLORINE BUILDING   | G           | Other Industrial                                   | Demolish                           |
| DOWN-STREAM WATER PUMP HOUSE FOR 100AREA                    | G           | Other Industrial                                   | Demolish                           |
| WATER PUMP HOUSE FOR 400 AREA                               | G           | Other Industrial                                   | Demolish                           |
| PAR POND PUMP HOUSE   | G           | Other Industrial                                   | Demolish                           |
| PUMP HOUSE EQUIP BLDG-ADJACENT TO 681-6G                    | G           | Other Industrial                                   | Demolish                           |
| WELLHSE & HYDROPNEUMATIC TANK WASTWTR TREATMNT E            | G           | Other Industrial                                   | Demolish                           |
| ELEVATED WATER STORAGE TANK                                 | G           | Never Contaminated                                 | Demolish                           |
| ELEVATED WATER STORAGE TANK                                 | G           | Never Contaminated                                 | Demolish                           |
| DAM SERVICE BUILDING  | G           | Other Industrial                                   | Demolish                           |
| GUARDHOUSE HW 125 - RD. 3                                   | G           | Never Contaminated                                 | Demolish                           |
| GUARDHOUSE HW 125 - RD. 6                                   | G           | Never Contaminated                                 | Demolish                           |
| GUARDHOUSE AT RD 1 AND D-1 (PECAN GATE)                     | G           | Never Contaminated                                 | Demolish                           |
| GATEHOUSE, ALLENDALE ENTRANCE                               | G           | Never Contaminated                                 | Demolish                           |
| GATEHOUSE, WILLISTON ENTRANCE                               | G           | Other Industrial                                   | Demolish                           |
| GUARDHOUSE HW 125 - RD. 2                                   | G           | Never Contaminated                                 | Demolish                           |
| ADMIN BUILDING FOR WASTEWATER TREATMENT EQUIPMENT           | G           | Never Contaminated                                 | Demolish                           |
| 100 AREA FIRE STATION                                       | G           | Never Contaminated                                 | Demolish                           |
| FIRE STATION  | G           | Never Contaminated                                 | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| ENVIRON. SUPPORT FAC., PAR POND                             | G           | Chemical - Low Hazard                              | Demolish                           |
| GREENHOUSE  | G           | Never Contaminated                                 | Demolish                           |
| LABORATORY FOR UGA  | G           | Other Industrial                                   | Demolish                           |
| GREENHOUSE FOR THERMAL EFFECTS LAB.                         | G           | Never Contaminated                                 | Demolish                           |
| INTERIM SANITARY LANDFILL                                   | G           | Other Industrial                                   | Demolish                           |
| SR ARCHAEOLOGICAL HDQTRS.                                   | G           | Never Contaminated                                 | Demolish                           |
| DEER HUNT BUILDING  | G           | Never Contaminated                                 | Demolish                           |
| STORAGE BUILDING  | G           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATION FACILITY - FOREST SERVICE                    | G           | Never Contaminated                                 | Demolish                           |
| STORAGE SHELTER   | G           | Never Contaminated                                 | Demolish                           |
| HEAVY EQUIPMENT STORAGE SHELTER                             | G           | Other Industrial                                   | Demolish                           |
| U.S. FOREST SERVICE HEADQUARTERS                            | G           | Never Contaminated                                 | Demolish                           |
| HUNT ASSY. BLDG.  | G           | Never Contaminated                                 | Demolish                           |
| FOREST SERVICE STORAGE BLDG.                                | G           | Never Contaminated                                 | Demolish                           |
| SR FOREST STATION EQUIP. BLDG.                              | G           | Never Contaminated                                 | Demolish                           |
| U.S. FOREST SERVICE HEADQUARTERS                            | G           | Never Contaminated                                 | Demolish                           |
| CORE STORAGE  | G           | Never Contaminated                                 | Demolish                           |
| ECOLOGY RESEARCH LABORATORY ANNEX                           | G           | Never Contaminated                                 | Demolish                           |
| STORAGE BUILDING  | G           | Never Contaminated                                 | Demolish                           |
| CORE STORAGE  | G           | Never Contaminated                                 | Demolish                           |
| CORE STORAGE  | G           | Never Contaminated                                 | Demolish                           |
| TREAT EXTRACTED GROUNDWATER                                 | G           | Chemical - Low Hazard                              | Demolish                           |
| FRP SURGE CONTNMNT OF INJECTION WATER TANK                  | G           | Other Industrial                                   | Demolish                           |
| FRP SURGE CONTNMNT OF EXTRACTED WATER TANK                  | G           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| TREAT EXTRACTED GROUNDWATER                                 | G           | Chemical - Low Hazard                              | Demolish                           |
| FRP SURGE TANK  | G           | Other Industrial                                   | Demolish                           |
| FRP INJECTION TANK  | G           | Other Industrial                                   | Demolish                           |
| TREMBLER STATION ON C-ROAD                                  | G           | Other Industrial                                   | Demolish                           |
| TREBLER SAMPLER PIT NO. 4                                   | G           | Other Industrial                                   | Demolish                           |
| TREBLER SAMPLER, #1 FOR 904-41G(ABANDON)                    | G           | Other Industrial                                   | Demolish                           |
| TREBLER SAMPLER, #2 FOR 904-44G(ABANDON)                    | G           | Other Industrial                                   | Demolish                           |
| MCC NO. 2   | H           | Other Industrial                                   | Demolish                           |
| 15K GAL UNH STORAGE TK ELECT CONTROL RM                     | H           | Other Industrial                                   | Demolish                           |
| LEU LOADING STATION   | H           | Other Industrial                                   | Demolish                           |
| CHEMICAL STORAGE BUILDING                                   | H           | Other Industrial                                   | Demolish                           |
| CONTROL ROOM  | H           | Other Industrial                                   | Demolish                           |
| MCC NO. 1   | H           | Other Industrial                                   | Demolish                           |
| CANYON AUXILIARIES  | H           | Nuclear  | Demolish                           |
| STORAGE BUILDING  | H           | Never Contaminated                                 | Demolish                           |
| STORAGE BUILDING  | H           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | H           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | H           | Other Industrial                                   | Demolish                           |
| A LINE  | H           | Nuclear  | Demolish                           |
| B-LINE STORAGE BUILDING                                     | H           | Other Industrial                                   | Demolish                           |
| DECONTAMINATION CELL MAINTENANCE FAC                        | H           | Other Industrial                                   | Demolish                           |
| CANYON BUILDING   | H           | Nuclear  | ISD                                |
| COLD FEED PREPARATION FACILITY                              | H           | Chemical - Low Hazard                              | Demolish                           |
| MERCURY STORAGE BUILDING                                    | H           | Other Industrial                                   | Demolish                           |
| WAREHOUSE   | H           | Never Contaminated                                 | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| SAFEGUARDS & HP SHOP  | H           | Never Contaminated                                 | Demolish                           |
| DEMONSTRATION WASTE INCINERATOR                             | H           | Other Industrial                                   | Demolish                           |
| HDB8 FACILITY   | H           | Nuclear  | Demolish                           |
| HDB8 HVAC BLDG. FILTER BLDG.                                | H           | Other Industrial                                   | Demolish                           |
| OFFICE/WAREHOUSE  | H           | Nuclear  | Demolish                           |
| COOLING WATER BASIN   | H           | Radiological                                       | ISD                                |
| INFLUENT PUMP STATION                                       | H           | Other Industrial                                   | Demolish                           |
| MCC BUILDING  | H           | Never Contaminated                                 | Demolish                           |
| FIRE WATER PUMP HOUSE                                       | H           | Other Industrial                                   | Demolish                           |
| WEST PUMP HOUSE   | H           | Other Industrial                                   | Demolish                           |
| FIRE SUPPRESSION FOAM HOUSE                                 | H           | Other Industrial                                   | Demolish                           |
| ETF STORAGE BUILDING  | H           | Never Contaminated                                 | Demolish                           |
| EAST PUMP HOUSE   | H           | Other Industrial                                   | Demolish                           |
| BREATHING AIR COMPRESSOR BLDG.                              | H           | Other Industrial                                   | Demolish                           |
| TREATED WATER STORAGE TANK                                  | H           | Radiological                                       | Demolish                           |
| TREATED WATER STORAGE TANK                                  | H           | Radiological                                       | Demolish                           |
| TREATED WATER STORAGE TANK                                  | H           | Radiological                                       | Demolish                           |
| DCS I/O STATION   | H           | Other Industrial                                   | Demolish                           |
| RBA ENTRANCE SHACK TO TKS 9-12                              | H           | Other Industrial                                   | Demolish                           |
| RBA ENTRANCE SHACK TO TANKS 29-32 AND 35-37                 | H           | Other Industrial                                   | Demolish                           |
| RBA ENTRANCE SHACK TO TANKS 13-16                           | H           | Other Industrial                                   | Demolish                           |
| RBA ENTRANCE SHACK TO PUMP PIT 5 & 6                        | H           | Other Industrial                                   | Demolish                           |
| EPVE STORAGE BUILDING                                       | H           | Nuclear  | Demolish                           |
| NITROGEN STORAGE FACILITY                                   | H           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| PORTABLE GANG VALVE HOUSE                                   | H           | Other Industrial                                   | Demolish                           |
| STORM WATER DIVERSION BOX                                   | H           | Other Industrial                                   | ISD                                |
| STORM WATER DIVERSION BOX                                   | H           | Other Industrial                                   | ISD                                |
| DIVERSION BOX   | H           | Other Industrial                                   | ISD                                |
| 2H CONTROL ROOM & OFFICE BUILDING                           | H           | Nuclear  | Demolish                           |
| COOLING TOWER FOR EVAP #2                                   | H           | Other Industrial                                   | Demolish                           |
| 3H CONTROL ROOM & OFFICE BUILDING                           | H           | Nuclear  | Demolish                           |
| DB#7 AND GANG VALVE HOUSE                                   | H           | Nuclear  | ISD                                |
| COLD FEEDS AREA   | H           | Nuclear  | Demolish                           |
| IX/RO/EVAPORATOR OH TANK CONTAINMENT                        | H           | Radiological                                       | Demolish                           |
| HDB-2   | H           | Nuclear  | ISD                                |
| EVAPORATOR CONDENSER TANK CONTAINMENT                       | H           | Radiological                                       | Demolish                           |
| EVAPORATOR FEED TANK  | H           | Radiological                                       | Demolish                           |
| HDB-3   | H           | Nuclear  | ISD                                |
| FAR EAST PUMP HOUSE   | H           | Other Industrial                                   | Demolish                           |
| DIVERSION BOX DB#5  | H           | Nuclear  | ISD                                |
| HVAC HEPA CONTAINMENT                                       | H           | Radiological                                       | Demolish                           |
| HDB-6   | H           | Nuclear  | ISD                                |
| LAUNDRY BUILDING  | H           | Other Industrial                                   | Demolish                           |
| MAINTENANCE AND E & I SHOP                                  | H           | Other Industrial                                   | Demolish                           |
| MOTOR CONTROL CENTER  | H           | Other Industrial                                   | Demolish                           |
| PROCESS AIR COMPRESSOR BUILDING                             | H           | Other Industrial                                   | Demolish                           |
| MAINTENANCE OFFICE BUILDING                                 | H           | Never Contaminated                                 | Demolish                           |
| PROCESS PUMP PIT FOR NEW WASTE HEADER                       | H           | Nuclear  | ISD                                |





| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| 2H EVAPORATOR   | H           | Nuclear  | Demolish                           |
| CTS - H-AREA  | H           | Nuclear  | Demolish                           |
| 1H CONTROL ROOM BUILDING                                    | H           | Nuclear  | Demolish                           |
| OFFICE/LUNCH ROOM BUILDING                                  | H           | Never Contaminated                                 | Demolish                           |
| 3H EVAPORATOR CONNECTED WITH 242-11H SERVICE BLD            | H           | Nuclear  | Demolish                           |
| ELECTRICAL CONTROL ROOM/PVS HEPA BUILDING                   | H           | Other Industrial                                   | Demolish                           |
| 1H EVAPORATOR   | H           | Nuclear  | Demolish                           |
| RBOF STORAGE BUILDING                                       | H           | Other Industrial                                   | Demolish                           |
| RECEIVING BASIN FOR OFF-SITE FUEL                           | H           | Nuclear  | ISD                                |
| PARKING AREA / REGENERATION ACTIVITIES                      | H           | Chemical - Low Hazard                              | Demolish                           |
| RESIN REGENERATION BUILDING                                 | H           | Nuclear  | Demolish                           |
| PRIMARY SUBSTATION (HIGH VOLTAGE 115KV)                     | H           | Other Industrial                                   | Demolish                           |
| TRANSFORMER   | H           | Other Industrial                                   | Demolish                           |
| RADIOLOGICAL MONITORING EQUIPMENT SHOP                      | H           | Other Industrial                                   | Demolish                           |
| DIESEL GENERATOR FOR 241-2H                                 | H           | Other Industrial                                   | Demolish                           |
| DIESEL GENERATOR BUILDING FOR CANYON EXHAUST                | H           | Other Industrial                                   | Demolish                           |
| DIESEL HOUSE  | H           | Nuclear  | Demolish                           |
| HAZARDOUS WASTE INCINERATOR                                 | H           | Radiological                                       | Demolish                           |
| CIF TANK FARM   | H           | Radiological                                       | Demolish                           |
| BASIN   | H           | Nuclear  | Demolish                           |
| FILTER AND DEIONIZER FACILITY                               | H           | Other Industrial                                   | Demolish                           |
| COOLING WATER MONITOR HOUSE                                 | H           | Nuclear  | Demolish                           |
| COOLING WATER MONITOR HOUSE                                 | H           | Nuclear  | Demolish                           |
| COOLING WATER MONITOR HOUSE                                 | H           | Nuclear  | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| COOLING WATER MONITOR HOUSE                                 | H           | Nuclear  | Demolish                           |
| COOLING WATER MONITOR HOUSE                                 | H           | Nuclear  | Demolish                           |
| COOLING WATER MONITOR HOUSE                                 | H           | Nuclear  | Demolish                           |
| RETURN WATER DELAYING BASIN                                 | H           | Nuclear  | ISD                                |
| RETURN WATER PUMPING BASIN                                  | H           | Nuclear  | ISD                                |
| MONITORING HOUSE  | H           | Nuclear  | Demolish                           |
| SEGREGATED WATER DELAYING BASIN                             | H           | Nuclear  | ISD                                |
| MONITORING HOUSE  | H           | Nuclear  | Demolish                           |
| STORAGE BASIN, 4 MILLION GALLON, LINED                      | H           | Radiological                                       | ISD                                |
| RESERVOIR AND PUMP HOUSE                                    | H           | Other Industrial                                   | ISD                                |
| COAL HANDLER OBSERVATION BUILDING                           | H           | Other Industrial                                   | Demolish                           |
| MAINTENANCE LAYDOWN BUILDING                                | H           | Other Industrial                                   | Demolish                           |
| POWERHOUSE  | H           | Other Industrial                                   | Demolish                           |
| COOLING TOWERS & CHEMICAL ADDITION BUILDING                 | H           | Other Industrial                                   | Demolish                           |
| COOLING TOWER   | H           | Other Industrial                                   | ISD                                |
| CANYON STACK  | H           | Radiological                                       | Demolish                           |
| VESSEL VENT FAN HOUSE                                       | H           | Radiological                                       | ISD                                |
| FAN HOUSE BUILDING  | H           | Radiological                                       | Demolish                           |
| STACK MONITORING EQUIPMENT BUILDING                         | H           | Nuclear  | Demolish                           |
| CANYON EXHAUST FAN HOUSE                                    | H           | Radiological                                       | Demolish                           |
| ADDITIONAL CANYON SAND FILTER                               | H           | Nuclear  | ISD                                |
| CANYON EXHAUST FILTERS                                      | H           | Nuclear  | ISD                                |
| AIR COMPRESSOR BUILDING                                     | H           | Other Industrial                                   | Demolish                           |
| STORAGE/SUPPLY BUILDING                                     | H           | Nuclear  | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| CRANE SHELTER   | H           | Other Industrial                                   | Demolish                           |
| MAINTENANCE FACILITY  | H           | Nuclear  | Demolish                           |
| CHEMICAL FEED FACILITY                                      | H           | Other Industrial                                   | Demolish                           |
| LIFT STATION  | H           | Radiological                                       | ISD                                |
| SOLVENT TANK  | H           | Nuclear  | Demolish                           |
| SOLVENT TANK  | H           | Nuclear  | Demolish                           |
| SOLVENT TANK  | H           | Nuclear  | Demolish                           |
| SOLVENT TANK  | H           | Nuclear  | Demolish                           |
| H-AREA PUMP STATION FOR WASTEWATER TREATMENT FAC            | H           | Other Industrial                                   | Demolish                           |
| GUARDHOUSE  | H           | Other Industrial                                   | Demolish                           |
| SOUTH GATE GUARD SHACK                                      | H           | Other Industrial                                   | Demolish                           |
| PATROL HEADQUARTERS   | H           | Other Industrial                                   | Demolish                           |
| WEST BADGE HOUSE  | H           | Other Industrial                                   | Demolish                           |
| GATE "Q" ECF  | H           | Other Industrial                                   | Demolish                           |
| ENTRY CONTROL FACILITY (FOR HTF AREA)                       | H           | Other Industrial                                   | Demolish                           |
| GATEHOUSE ENTRANCE TO 232-H & 234-H                         | H           | Other Industrial                                   | Demolish                           |
| TELEPHONE EXCHANGE BUILDING                                 | H           | Other Industrial                                   | Demolish                           |
| OFFICE BUILDING   | H           | Other Industrial                                   | Demolish                           |
| ADMINISTRATION BUILDING                                     | H           | Other Industrial                                   | Demolish                           |
| CONSTRUCTION ADMINISTRATION OFFICE                          | H           | Other Industrial                                   | Demolish                           |
| OFFICE BUILDING   | H           | Other Industrial                                   | Demolish                           |
| AREA ADMINISTRATION & SERVICE BUILDING                      | H           | Other Industrial                                   | Demolish                           |
| TRAINING BUILDING   | H           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| OFFICE BUILDING   | H           | Other Industrial                                   | Demolish                           |
| OFFICE BUILDING   | H           | Other Industrial                                   | Demolish                           |
| MEDICAL FACILITY  | H           | Other Industrial                                   | Demolish                           |
| CENTRAL ALARM STATION (CAS)                                 | H           | Other Industrial                                   | Demolish                           |
| OFFICE, SHOP & STORAGE BUILDING                             | H           | Other Industrial                                   | Demolish                           |
| SRS CENTRAL TRAINING FACILITY                               | H           | Other Industrial                                   | Demolish                           |
| PRE-FABRICATED BUILDING                                     | H           | Other Industrial                                   | Demolish                           |
| PUMP HOUSE  | H           | Other Industrial                                   | Demolish                           |
| FIRE WATER PUMP HOUSE                                       | H           | Other Industrial                                   | Demolish                           |
| DEEP WELL   | H           | Other Industrial                                   | ISD                                |
| HEAVY WATER STORAGE FACILITY                                | K           | Nuclear  | Demolish                           |
| NO. 1&4 BASIN DEIONIZERS (POR) PAD FAC                      | K           | Other Industrial                                   | Demolish                           |
| DISASSEMBLY BASIN FILTRATION FAC.                           | K           | Other Industrial                                   | Demolish                           |
| REACTOR BUILDING  | K           | Nuclear  | ISD                                |
| COOLING WATER EFFLUENT SUMP                                 | K           | Other Industrial                                   | ISD                                |
| ENGINE HOUSE  | K           | Other Industrial                                   | ISD                                |
| ENGINE HOUSE  | K           | Other Industrial                                   | ISD                                |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | K           | Other Industrial                                   | ISD                                |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | K           | Other Industrial                                   | ISD                                |
| FILTER AND SOFTENER PLANT                                   | K           | Other Industrial                                   | Demolish                           |
| DIESEL GENERATOR CONTROL BUILDING                           | K           | Other Industrial                                   | Demolish                           |
| CLARIFICATION PLANT (MISC. SERVICES)                        | K           | Other Industrial                                   | Demolish                           |
| SHELTER FOR DIESEL FUEL OIL STRG TANK NO. 1                 | K           | Other Industrial                                   | Demolish                           |
| POWERHOUSE  | K           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| COOLING TOWER   | K           | Other Industrial                                   | ISD                                |
| COOLING TOWER   | K           | Other Industrial                                   | Demolish                           |
| SODIUM HYPOCHLORITE TANK STORAGE                            | K           | Other Industrial                                   | Demolish                           |
| COOLING WATER RESERVOIR                                     | K           | Other Industrial                                   | ISD                                |
| COOLING WATER PUMP HOUSE                                    | K           | Other Industrial                                   | ISD                                |
| PUMP HOUSE-REACTOR FIRE WATER SYSTEM                        | K           | Other Industrial                                   | Demolish                           |
| PUMP HOUSE-DOMESTIC & FIRE WATER SYSTEM                     | K           | Other Industrial                                   | Demolish                           |
| CHEMICAL FEED BUILDING                                      | K           | Other Industrial                                   | Demolish                           |
| DIVERSION BOX   | K           | Other Industrial                                   | ISD                                |
| EFFLUENT MONITORING BUILDING                                | K           | Other Industrial                                   | Demolish                           |
| AREA GATEHOUSE & PATROL HQ.                                 | K           | Other Industrial                                   | Demolish                           |
| GATEHOUSE ENTRANCE AT BLDG. 105                             | K           | Other Industrial                                   | Demolish                           |
| TELEPHONE EXCHANGE BUILDING                                 | K           | Other Industrial                                   | Demolish                           |
| AREA ADM. & SERVICES BUILDING                               | K           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATIVE OFFICE FACILITY                              | K           | Never Contaminated                                 | Demolish                           |
| MAINTENANCE MATERIAL STORAGE BLDG.                          | K           | Never Contaminated                                 | Demolish                           |
| LUMBER STORAGE SHED   | K           | Other Industrial                                   | Demolish                           |
| VIDEO-SAFEGUARDS MAINTENANCE FACILITY                       | K           | Other Industrial                                   | Demolish                           |
| POLYPHOSPHATE UNLOADING AND STORAGE FACILITY                | K           | Chemical - Low Hazard                              | Demolish                           |
| DOMESTIC WATER ELEVATED STORAGE TANK                        | K           | Never Contaminated                                 | Demolish                           |
| L-REACTOR DISASSEMBLY BASIN DEIONIZER SYSTEM                | L           | Other Industrial                                   | Demolish                           |
| SETTLER TANK & FILTERS AREA                                 | L           | Other Industrial                                   | Demolish                           |
| REACTOR BUILDING  | L           | Nuclear  | ISD                                |
| COOLING WATER EFFLUENT SUMP                                 | L           | Radiological                                       | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| ENGINE HOUSE  | L           | Other Industrial                                   | ISD                                |
| ENGINE HOUSE  | L           | Other Industrial                                   | ISD                                |
| EMERG DIESEL GENER & FUEL OIL STORAGE                       | L           | Other Industrial                                   | Demolish                           |
| HELIUM STORAGE TANK   | L           | Other Industrial                                   | Demolish                           |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | L           | Other Industrial                                   | ISD                                |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | L           | Other Industrial                                   | ISD                                |
| GENERATOR ROOM  | L           | Other Industrial                                   | Demolish                           |
| FILTER AND SOFTENER PLANT                                   | L           | Other Industrial                                   | Demolish                           |
| DIESEL GENERATOR CONTROL BUILDING                           | L           | Other Industrial                                   | Demolish                           |
| CLARIFICATION PLANT (MISC. SERVICES)                        | L           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | L           | Other Industrial                                   | Demolish                           |
| COOLING WATER RESERVOIR                                     | L           | Other Industrial                                   | ISD                                |
| COOLING WATER PUMP HOUSE                                    | L           | Other Industrial                                   | ISD                                |
| STANDBY PUMP HOUSE  | L           | Other Industrial                                   | Demolish                           |
| CHEMICAL STORAGE BUILDING                                   | L           | Other Industrial                                   | Demolish                           |
| EFFLUENT MONITORING BUILDING                                | L           | Other Industrial                                   | Demolish                           |
| AREA GATEHOUSE & PATROL HQ.                                 | L           | Other Industrial                                   | Demolish                           |
| GATEHOUSE ENTRANCE AT BLDG. 105                             | L           | Other Industrial                                   | Demolish                           |
| TELEPHONE EXCHANGE BUILDING                                 | L           | Other Industrial                                   | Demolish                           |
| AREA ADM. & SERVICES BUILDING                               | L           | Other Industrial                                   | Demolish                           |
| MAINTENANCE MATERIAL STORAGE BLDG.                          | L           | Other Industrial                                   | Demolish                           |
| CLOTHING CHANGE FACILITY                                    | L           | Other Industrial                                   | Demolish                           |
| CLOTHING CHANGE FACILITY                                    | L           | Other Industrial                                   | Demolish                           |
| CLOTHING CHANGE FACILITY                                    | L           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| SWP CLOTHING BUILDING                                       | L           | Other Industrial                                   | Demolish                           |
| CONTAMINATED LAUNDRY STORAGE BLDG.                          | L           | Other Industrial                                   | Demolish                           |
| CANNING BUILDING  | M           | Other Industrial                                   | Demolish                           |
| HAZARDOUS MIXED WASTE STORAGE PAD                           | M           | Radiological                                       | Demolish                           |
| ESSENTIAL MATERIALS WAREHOUSE                               | M           | Other Industrial                                   | Demolish                           |
| CHEMICAL STORAGE PAD  | M           | Other Industrial                                   | Demolish                           |
| DRUM STORAGE FACILITY                                       | M           | Radiological                                       | Demolish                           |
| ALLOY BUILDING  | M           | Other Industrial                                   | Demolish                           |
| MANUFACTURING BUILDING                                      | M           | Other Industrial                                   | Demolish                           |
| METALLURGICAL LABORATORY                                    | M           | Other Industrial                                   | Demolish                           |
| MCC FOR GROUND WATER TREATMENT                              | M           | Other Industrial                                   | Demolish                           |
| VERTICAL PRESS BUILDING                                     | M           | Other Industrial                                   | Demolish                           |
| CORE STORAGE WAREHOUSE                                      | M           | Other Industrial                                   | Demolish                           |
| LAB WASTE TREATMENT FACILITY                                | M           | Other Industrial                                   | Demolish                           |
| SLUG WAREHOUSE  | M           | Other Industrial                                   | Demolish                           |
| TANK FARM CONTAINMENT COVER                                 | M           | Other Industrial                                   | Demolish                           |
| VENDOR TREATMENT FACILITY                                   | M           | Other Industrial                                   | Demolish                           |
| DILUTE EFFLUENT TREATMENT FACILITY                          | M           | Other Industrial                                   | Demolish                           |
| ELECTRICAL STORAGE BUILDING (FORMERLY MS4                   | M           | Other Industrial                                   | Demolish                           |
| ELECTRICAL STORAGE BUILDING (FORMERLY MS5)                  | M           | Other Industrial                                   | Demolish                           |
| MAIN GATEHOUSE  | M           | Other Industrial                                   | Demolish                           |
| HARDEN ENTRY CONTROL FACILITY TO 321-M                      | M           | Other Industrial                                   | Demolish                           |
| AREA ADMINISTRATION BUILDING                                | M           | Other Industrial                                   | Demolish                           |
| ENGINEERING & TRAINING BUILDING                             | M           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| PUMP HOUSE  | M           | Other Industrial                                   | Demolish                           |
| ICE HOUSE   | N           | Never Contaminated                                 | Demolish                           |
| CHEMICAL FEED FACILITY                                      | N           | Other Industrial                                   | Demolish                           |
| TREATMENT FACILITY  | N           | Other Industrial                                   | Demolish                           |
| SRS CENTRAL CLIMATOLOGY DATA STATION                        | N           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATION BUILDING                                     | N           | Never Contaminated                                 | Demolish                           |
| INTERIM STORAGE FAC   | N           | Nuclear  | Demolish                           |
| SOLID HAZARDOUS WASTE STORAGE BLDG                          | N           | Nuclear  | Demolish                           |
| STOR FAC FOR NON-RADIOACTIVE HAZ WASTE                      | N           | Nuclear  | Demolish                           |
| SEC TRANS SUBSTATION  | N           | Other Industrial                                   | Demolish                           |
| PUMP HOUSE  | N           | Other Industrial                                   | Demolish                           |
| PROCESS HEAT EXCHANGER REPAIR FAC                           | N           | Other Industrial                                   | Demolish                           |
| SRQA BUILDING, C/S  | N           | Never Contaminated                                 | Demolish                           |
| CONCRETE OFFICE   | N           | Never Contaminated                                 | Demolish                           |
| C/S CAB BUILDING  | N           | Never Contaminated                                 | Demolish                           |
| MILLER DUNN ELECTRIC BUILDING                               | N           | Never Contaminated                                 | Demolish                           |
| CONSTRUCTION ADMINISTRATION BUILDING                        | N           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATION BUILDING                                     | N           | Other Industrial                                   | Demolish                           |
| HEAVY EQUIP STORAGE SHED                                    | N           | Never Contaminated                                 | Demolish                           |
| ADMINISTRATION BUILDING                                     | N           | Other Industrial                                   | Demolish                           |
| CABLE SHED  | N           | Never Contaminated                                 | Demolish                           |
| TIRE STORAGE CANOPY   | N           | Never Contaminated                                 | Demolish                           |
| EQUIPMENT SHED  | N           | Never Contaminated                                 | Demolish                           |
| STORAGE SHED  | N           | Never Contaminated                                 | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| FLAMMABLE STORAGE   | N           | Chemical - Low Hazard                              | Demolish                           |
| STORAGE BUILDING  | N           | Never Contaminated                                 | Demolish                           |
| HAZARDOUS WASTE STORAGE                                     | N           | Other Industrial                                   | Demolish                           |
| HE OIL STORAGE BUILDING                                     | N           | Other Industrial                                   | Demolish                           |
| STORAGE SHED  | N           | Never Contaminated                                 | Demolish                           |
| MACH. AND M.W. OIL STORAGE                                  | N           | Other Industrial                                   | Demolish                           |
| EXCESS STORAGE  | N           | Never Contaminated                                 | Demolish                           |
| PIPE, NPC OFFICES-ELECTRICAL SHOP                           | N           | Other Industrial                                   | Demolish                           |
| SPECIAL PROJECTS-ADDN.                                      | N           | Never Contaminated                                 | Demolish                           |
| PIPE WAREHOUSE  | N           | Other Industrial                                   | Demolish                           |
| PLUMBING MAINTENANCE AREA                                   | N           | Never Contaminated                                 | Demolish                           |
| X-RAY   | N           | Other Industrial                                   | Demolish                           |
| MECHANICAL SHOP   | N           | Other Industrial                                   | Demolish                           |
| PIPE AND MECHANICAL SHOP                                    | N           | Other Industrial                                   | Demolish                           |
| A WAREHOUSE, CMR, ISC CONTROL #31                           | N           | Other Industrial                                   | Demolish                           |
| DOUBLE BAY WAREHOUSE FOR S-AREA                             | N           | Chemical - Low Hazard                              | Demolish                           |
| WAREHOUSE FOR S-AREA  | N           | Never Contaminated                                 | Demolish                           |
| B WAREHOUSE, C/S  | N           | Never Contaminated                                 | Demolish                           |
| SPARE EQUIPMENT STORAGE                                     | N           | Other Industrial                                   | Demolish                           |
| REACTOR COMPONENT STORAGE                                   | N           | Never Contaminated                                 | Demolish                           |
| MISCELLANEOUS STORAGE (SYLCOR)                              | N           | Never Contaminated                                 | Demolish                           |
| SEPARATIONS PROCESS STORAGE                                 | N           | Nuclear  | Demolish                           |
| STORAGE BUILDING  | N           | Never Contaminated                                 | Demolish                           |
| BULK FUEL FACILITY  | N           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| NEW STEAM CLEANING  | N           | Other Industrial                                   | Demolish                           |
| HEAVY EQUIPMENT WASH AREA                                   | N           | Never Contaminated                                 | Demolish                           |
| GARAGE, SVC STATION, COMPRESSOR HOUSE                       | N           | Other Industrial                                   | Demolish                           |
| WAREHOUSE AND INSULATION SHOP                               | N           | Never Contaminated                                 | Demolish                           |
| ELECTRICAL LINEMEN'S OFFICE/WAREHOUSE                       | N           | Never Contaminated                                 | Demolish                           |
| CONSTRUCTION SORT BUILDING                                  | N           | Never Contaminated                                 | Demolish                           |
| CONST ENV STAGING BUILDING                                  | N           | Other Industrial                                   | Demolish                           |
| RECLAIMING BUILDING   | N           | Other Industrial                                   | Demolish                           |
| BOILERMAKER SHOP  | N           | Other Industrial                                   | Demolish                           |
| SMALL TOOL REPAIR SHOP                                      | N           | Never Contaminated                                 | Demolish                           |
| SHEET METAL SHOP  | N           | Other Industrial                                   | Demolish                           |
| PTL., INST., QA & WAREHOUSE                                 | N           | Never Contaminated                                 | Demolish                           |
| CARPENTER SHOP AND OFFICE                                   | N           | Never Contaminated                                 | Demolish                           |
| LAYOUT, T&I OFFICES, WELD TEST                              | N           | Never Contaminated                                 | Demolish                           |
| SIW SHOP  | N           | Other Industrial                                   | Demolish                           |
| CONSTRUCTION EMPLOYMENT BUILDING                            | N           | Never Contaminated                                 | Demolish                           |
| PROPERTY MANAGEMENT   | N           | Other Industrial                                   | Demolish                           |
| E&I SHOP  | N           | Other Industrial                                   | Demolish                           |
| A SAND BLAST SHED   | N           | Other Industrial                                   | Demolish                           |
| PAINT SHED  | N           | Other Industrial                                   | Demolish                           |
| PAINT   | N           | Other Industrial                                   | Demolish                           |
| COAL SAMPLING FACILITY                                      | N           | Other Industrial                                   | Demolish                           |
| CASK REPAIR FACILITY  | N           | Other Industrial                                   | Demolish                           |
| FURNITURE STORAGE WAREHOUSE                                 | N           | Never Contaminated                                 | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| RECEIVING FACILITY-MAT'L RECEV & STOR FAC                   | N           | Never Contaminated                                 | Demolish                           |
| BULK STRG WHSE-MAT'L MGMT RECV & STOR FAC                   | N           | Never Contaminated                                 | Demolish                           |
| SPARE PARTS WHSE-MAT'L MGMT RECV & STOR FAC                 | N           | Never Contaminated                                 | Demolish                           |
| GENERAL STORES WAREHOUSE                                    | N           | Never Contaminated                                 | Demolish                           |
| FLAMMABLE MATERIAL STORAGE                                  | N           | Chemical - Low Hazard                              | Demolish                           |
| COMPRESSED GAS STORAGE                                      | N           | Other Industrial                                   | Demolish                           |
| ASSET SUPPORT GROUP BUILDING                                | N           | Never Contaminated                                 | Demolish                           |
| PCB STORAGE FACILITY  | N           | Nuclear  | Demolish                           |
| USED DRUM AND BATTERY STORAGE                               | N           | Other Industrial                                   | Demolish                           |
| SALVAGE AND RECLAMATION BUILDING                            | N           | Other Industrial                                   | Demolish                           |
| STORAGE BUILDING  | N           | Never Contaminated                                 | Demolish                           |
| STORAGE BUILDING  | N           | Never Contaminated                                 | Demolish                           |
| HEAVY WATER STORAGE FACILITY                                | P           | Other Industrial                                   | Demolish                           |
| REACTOR BUILDING  | P           | Radiological                                       | ISD                                |
| COOLING WATER EFFLUENT SUMP                                 | P           | Other Industrial                                   | ISD                                |
| ENGINE HOUSE  | P           | Other Industrial                                   | ISD                                |
| ENGINE HOUSE  | P           | Other Industrial                                   | ISD                                |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | P           | Other Industrial                                   | ISD                                |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | P           | Other Industrial                                   | ISD                                |
| GENERATOR ROOM  | P           | Other Industrial                                   | Demolish                           |
| FILTER AND SOFTENER PLANT                                   | P           | Other Industrial                                   | Demolish                           |
| CLARIFICATION PLANT (MISC. SERVICES)                        | P           | Other Industrial                                   | Demolish                           |
| SODIUM HYPOCHLORITE TANK STORAGE                            | P           | Other Industrial                                   | Demolish                           |
| COOLING WATER RESERVOIR                                     | P           | Other Industrial                                   | ISD                                |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| COOLING WATER PUMP HOUSE                                    | P           | Other Industrial                                   | ISD                                |
| CHEMICAL FEED FACILITY                                      | P           | Other Industrial                                   | Demolish                           |
| EQUALIZATION BASIN  | P           | Other Industrial                                   | ISD                                |
| EFFLUENT MONITORING BUILDING                                | P           | Other Industrial                                   | Demolish                           |
| AREA GATEHOUSE & PATROL HQ.                                 | P           | Other Industrial                                   | Demolish                           |
| GATEHOUSE ENTRANCE AT BLDG. 105                             | P           | Other Industrial                                   | Demolish                           |
| TELEPHONE EXCHANGE BUILDING                                 | P           | Other Industrial                                   | Demolish                           |
| AREA ADM. & SERVICES BUILDING                               | P           | Other Industrial                                   | Demolish                           |
| REACTOR BUILDING (STANDBY)                                  | R           | Nuclear  | ISD                                |
| ENGINE HOUSE (STANDBY)                                      | R           | Other Industrial                                   | ISD                                |
| ENGINE HOUSE (STANDBY)                                      | R           | Other Industrial                                   | ISD                                |
| PURGE WATER STORAGE BASIN (IN STANDBY)                      | R           | Radiological                                       | ISD                                |
| PROCESS STORAGE BUILDING                                    | R           | Nuclear  | Demolish                           |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | R           | Other Industrial                                   | ISD                                |
| PRIMARY SUBSTATION (HIGH VOLT 115/13.8)                     | R           | Other Industrial                                   | ISD                                |
| CLARIFICATION PLANT(COOLING WATER)                          | R           | Other Industrial                                   | ISD                                |
| FILTER AND SOFTENER PLANT (STANDBY)                         | R           | Other Industrial                                   | ISD                                |
| COOLING WATER RESERVOIR (STANDBY)                           | R           | Other Industrial                                   | ISD                                |
| COOLING WATER PUMP HOUSE (STANDBY)                          | R           | Other Industrial                                   | ISD                                |
| SERVICE BUILDING  | S           | Nuclear  | Demolish                           |
| VITRIFICATION BUILDING                                      | S           | Nuclear  | ISD                                |
| SPARE EQUIPMENT STORAGE BUILDING                            | S           | Other Industrial                                   | Demolish                           |
| PORTABLE STORAGE BUILDING                                   | S           | Other Industrial                                   | Demolish                           |
| GLASS WASTE STORAGE BUILDING                                | S           | Nuclear  | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| CRANE CONTROL BUILDING                                      | S           | Nuclear  | Demolish                           |
| VENT EXHAUST STACK  | S           | Nuclear  | Demolish                           |
| FAN HOUSE   | S           | Nuclear  | Demolish                           |
| SAND FILTER   | S           | Nuclear  | ISD                                |
| BULK FRIT FACILITY  | S           | Nuclear  | Demolish                           |
| COLD FEED STORAGE   | S           | Nuclear  | Demolish                           |
| REF ORGANIC RECOVERY UNIT                                   | S           | Other Industrial                                   | Demolish                           |
| ORGANIC WASTE STORAGE FAC                                   | S           | Nuclear  | Demolish                           |
| LOW POINT PUMP PIT HVAC                                     | S           | Other Industrial                                   | Demolish                           |
| INSTRUMENT SHELTER BUILDING                                 | S           | Other Industrial                                   | Demolish                           |
| LOW POINT PUMP PIT  | S           | Nuclear  | Demolish                           |
| LATE WASH FACILITY HVAC BUILDING                            | S           | Other Industrial                                   | Demolish                           |
| LATE WASH LABORATORY  | S           | Nuclear  | Demolish                           |
| LATE WASH COLD CHEMICAL FEED SHELTER                        | S           | Nuclear  | Demolish                           |
| LATE WASH FACILITY  | S           | Nuclear  | Demolish                           |
| S-AREA PUMP STATION FOR WASTEWATER TREATMENT FAC            | S           | Other Industrial                                   | ISD                                |
| ENTRY CONTROL FACILITY                                      | S           | Other Industrial                                   | Demolish                           |
| TELEPHONE BUILDING  | S           | Other Industrial                                   | Demolish                           |
| CYLINDER STORAGE SHELTER                                    | S           | Other Industrial                                   | Demolish                           |
| TC-S1 ADMINISTRATION BLDG                                   | S           | Other Industrial                                   | Demolish                           |
| TC-S2 RECEIVING STORES                                      | S           | Other Industrial                                   | Demolish                           |
| OPERATIONS BUILDING   | S           | Other Industrial                                   | Demolish                           |
| DISTRIBUTIVE CONTROL STAGING BUILDING                       | S           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| MAINTENANCE SHOP  | S           | Other Industrial                                   | Demolish                           |
| SPARE PARTS BUILDING  | S           | Other Industrial                                   | Demolish                           |
| TC-S7 LAB SUPPORT FAC. (FORMERLY 717012 N)                  | S           | Other Industrial                                   | Demolish                           |
| TC-S3 PIPE SHOP   | S           | Other Industrial                                   | Demolish                           |
| TC-S5 ELECTRICAL SHOP                                       | S           | Other Industrial                                   | Demolish                           |
| LUBRICATION STORAGE BUILDING                                | S           | Other Industrial                                   | Demolish                           |
| OFFICE BUILDING & MAINTENANCE SHOP                          | S           | Other Industrial                                   | Demolish                           |
| CHEMICAL STORAGE BUILDING                                   | S           | Other Industrial                                   | Demolish                           |
| SWIRL CELL FACILITY   | S           | Other Industrial                                   | Demolish                           |
| SWIRL CELL FACILITY   | S           | Radiological                                       | Demolish                           |
| PRIMARY SUBSTATION  | S           | Nuclear  | Demolish                           |
| TRANSFORMER 952-7S  | S           | Other Industrial                                   | Demolish                           |
| FUEL OIL STORAGE  | S           | Other Industrial                                   | Demolish                           |
| NEUTRALIZED FIRE WATER TANK                                 | S           | Other Industrial                                   | Demolish                           |
| WATER & CHEMICAL WASTE TREATMENT FAC                        | S           | Nuclear  | Demolish                           |
| CHEMICAL TREATMENT FAC                                      | S           | Other Industrial                                   | Demolish                           |
| COOLING TOWER   | S           | Nuclear  | Demolish                           |
| DWPF SEMI-WORKS BUILDING                                    | T           | Other Industrial                                   | Demolish                           |
| PILOT PLANT BUILDING  | T           | Other Industrial                                   | Demolish                           |
| SEMI WORKS WASTE TANK MOCK-UP                               | T           | Other Industrial                                   | Demolish                           |
| CHEMICAL SEMI WORKS BLDG (TNX)                              | T           | Other Industrial                                   | Demolish                           |
| ENGINEERING TEST FAC. (CMX)                                 | T           | Other Industrial                                   | Demolish                           |
| TNX PACKAGED SANITARY WASTE TREAT PLANT                     | T           | Other Industrial                                   | Demolish                           |
| TNX SANITARY WASTE CHEMICAL FEED BLDG.                      | T           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b>   |             |  |                                    |
|---|-------------|--|------------------------------------|
| <b>*EM Integrated Deactivation and Decommissioning Plan</b> |             |  |                                    |
| <b>*Data consistent w/2004 PMP</b>                          |             |  |                                    |
|   |             | <b>Risk/Hazard Type</b>                            | <b>Technology</b>                  |
| <b>Name</b>   | <b>Area</b> | <b>Conceptual Site Model Hazard / Current Risk</b> | <b>Decommissioning Alternative</b> |
| ORGANIC REMOVAL FACILITY                                    | T           | Other Industrial                                   | Demolish                           |
| SECONDARY TRANS. SUBSTATION #3, TNX                         | T           | Other Industrial                                   | Demolish                           |
| SERVICE TANK AGE FACILITIES, TNX                            | T           | Other Industrial                                   | Demolish                           |
| CONTAINERIZATION EQUIPMENT DEV FAC TNX                      | T           | Other Industrial                                   | Demolish                           |
| CHEMICAL STORAGE FACILITY, TNX                              | T           | Other Industrial                                   | Demolish                           |
| PUMP HOUSE  | T           | Other Industrial                                   | Demolish                           |
| TNX EFFLUENT TREATMENT PLANT                                | T           | Other Industrial                                   | Demolish                           |
| MANUFACTURING BUILDING                                      | T           | Other Industrial                                   | Demolish                           |
| SOLVENT STORAGE BUILDING                                    | T           | Other Industrial                                   | Demolish                           |
| ECR/ICR BUILDING  | T           | Other Industrial                                   | Demolish                           |
| CARPENTER SHOP  | T           | Other Industrial                                   | Demolish                           |
| CONSTRUCTION BUILDING                                       | T           | Other Industrial                                   | Demolish                           |
| TNX ADMINISTRATION BLDG. ANNEX                              | T           | Other Industrial                                   | Demolish                           |
| BECHTEL OFFICE BUILDING                                     | T           | Other Industrial                                   | Demolish                           |
| TNX AREA ADMINISTRATION BLDG.                               | T           | Other Industrial                                   | Demolish                           |
| MECHANICAL SERVICES BLDG. TNX                               | T           | Other Industrial                                   | Demolish                           |
| CONSOLIDATED LAB  | T           | Other Industrial                                   | Demolish                           |
| GLASS MELTER BUILDING                                       | T           | Other Industrial                                   | Demolish                           |
| TELECOMMUNICATION BUILDING                                  | T           | Other Industrial                                   | Demolish                           |
| TEST REACTOR BLDG. (HWCTR)                                  | U           | Other Industrial                                   | Demolish                           |
| SSHT/FWRT PITS & PAD  | Z           | Nuclear  | Demolish                           |
| FLYASH SILO #1  | Z           | Other Industrial                                   | Demolish                           |
| FLYASH SILO #2  | Z           | Other Industrial                                   | Demolish                           |
| FLYASH SILO #3  | Z           | Other Industrial                                   | Demolish                           |

| <b>Table 4.3b</b><br><b>*EM Integrated Deactivation and Decommissioning Plan</b><br><b>*Data consistent w/2004 PMP</b> |      |   |                             |
|--|------|---|-----------------------------|
|  |      | Risk/Hazard Type                            | Technology                  |
| Name   | Area | Conceptual Site Model Hazard / Current Risk | Decommissioning Alternative |
| CEMENT SILO  | Z    | Other Industrial                            | Demolish                    |
| UNLOADING SHED   | Z    | Other Industrial                            | Demolish                    |
| UNLOADING OFFICE   | Z    | Other Industrial                            | Demolish                    |
| PROCESS  | Z    | Nuclear                                     | Demolish                    |
| VAULT NO. 1  | Z    | Nuclear                                     | ISD                         |
| VAULT NO. 4  | Z    | Nuclear                                     | ISD                         |
| SALTSTONE OPERATIONS BUILDING  | Z    | Other Industrial                            | Demolish                    |
| FIRE WATER PUMP HOUSE  | Z    | Other Industrial                            | Demolish                    |
| ELECT. SUBSTATION  | Z    | Other Industrial                            | Demolish                    |
| DOMESTIC WATER TANK  | Z    | Other Industrial                            | Demolish                    |



| Table 4.4a*<br>ESV Hazard Type Crosswalk for Area "TO GO" Units |  |  |  |   |  |  |                                  |                             |                             |                   |                                    |
|---|--|--|--|---|--|--|----------------------------------|-----------------------------|-----------------------------|-------------------|------------------------------------|
| Facility Area   | Waste Unit Group (Hazard Type)               |  |  |   |  |  |                                  |                             |                             |                   |                                    |
|   |  |  |  |   |  |  |                                  |                             |                             |                   |                                    |
|   | 1<br>Burial<br>Ground<br>Complex             | 2<br>Radiological<br>Seepage<br>Basins and<br>Pits | 3<br>Coal Pile<br>Runoff<br>Basins and<br>Ash Basins | 4<br>Inactive<br>Process<br>Sewer Lines | 5<br>Nonradiological<br>Rubble Piles and<br>Pits | 6<br>Nonradiological<br>Seepage Basins | 7<br>Sludge<br>Application Sites | 8<br>Acid/Caustic<br>Basins | 9<br>Miscellaneous<br>Sites | 10<br>Groundwater | 11<br>Integrator<br>Operable Units |
| E   | 18   |  |  |   |  |  |                                  |                             |                             | 103               |                                    |
| E   | 20   |  |  |   |  |  |                                  |                             |                             |                   |                                    |
|   |  |  |  |   |  |  |                                  |                             |                             |                   |                                    |
| G   | (Refer to Watershed Tables for G Area Units) |  |  |   |  |  |                                  |                             |                             |                   |                                    |
|   |  |  |  |   |  |  |                                  |                             |                             |                   |                                    |
| F   |  | 280  | 277  | 141                                     |  |  |                                  |                             | 43                          | 19                |                                    |
| F   |  | 283  | 276  | 308                                     |  |  |                                  |                             | 263                         | 575               |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 266                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 270                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 376                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 380                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 381                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 399                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 411                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 418                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 431                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | <b>432</b>                  |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 438                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 442                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 490                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 343                         |                   |                                    |
| F   |  |  |  |   |  |  |                                  |                             | 394                         |                   |                                    |

**Table 4.4a\***  
**ESV Hazard Type Crosswalk for Area "TO GO" Units**

\*Data consistent w/2004 PMP

| Facility Area | Waste Unit Group (Hazard Type) |   |   |                                   |  |                                     |                               |                          |                          |                   |                                 |
|---------------|--------------------------------|---|---|-----------------------------------|--|-------------------------------------|-------------------------------|--------------------------|--------------------------|-------------------|---------------------------------|
|               | 1<br>Burial Ground Complex     | 2<br>Radiological Seepage Basins and Pits | 3<br>Coal Pile Runoff Basins and Ash Basins | 4<br>Inactive Process Sewer Lines | 5<br>Nonradiological Rubble Piles and Pits | 6<br>Nonradiological Seepage Basins | 7<br>Sludge Application Sites | 8<br>Acid/Caustic Basins | 9<br>Miscellaneous Sites | 10<br>Groundwater | 11<br>Integrator Operable Units |
| F             |                                |   |   |                                   |  |                                     |                               |                          | 414                      |                   |                                 |
| F             |                                |   |   |                                   |  |                                     |                               |                          | 429                      |                   |                                 |
| F             |                                |   |   |                                   |  |                                     |                               |                          | 435                      |                   |                                 |
| F             |                                |   |   |                                   |  |                                     |                               |                          | 485                      |                   |                                 |
|               |                                |   |   |                                   |  |                                     |                               |                          |                          |                   |                                 |
| H             |                                | 293                                       | 292   | 554                               |  |                                     |                               |                          | 225                      | 549               |                                 |
| H             |                                | 294                                       | 79  | 142                               |  |                                     |                               |                          | 261                      |                   |                                 |
| H             |                                | 295                                       |   |                                   |  |                                     |                               |                          | 262                      |                   |                                 |
| H             |                                | 298                                       |   |                                   |  |                                     |                               |                          | 264                      |                   |                                 |
| H             |                                | 27  |   |                                   |  |                                     |                               |                          | 274                      |                   |                                 |
| H             |                                | 28  |   |                                   |  |                                     |                               |                          | 275                      |                   |                                 |
| H             |                                | 29  |   |                                   |  |                                     |                               |                          | 332                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 375                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 383                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 390                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 403                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 412                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 423                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 459                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 260                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 344                      |                   |                                 |
| H             |                                |   |   |                                   |  |                                     |                               |                          | 346                      |                   |                                 |



| Table 4.4a*                                      |                                  |  |  |   |  |  |                                  |                             |                             |                   |                                    |
|--|----------------------------------|--|--|---|--|--|----------------------------------|-----------------------------|-----------------------------|-------------------|------------------------------------|
| ESV Hazard Type Crosswalk for Area "TO GO" Units |                                  |  |  |   |  |  |                                  |                             |                             |                   |                                    |
| *Data consistent w/2004 PMP                      |                                  |  |  |   |  |  |                                  |                             |                             |                   |                                    |
| Facility Area                                    | Waste Unit Group (Hazard Type)   |  |  |   |  |  |                                  |                             |                             |                   |                                    |
|  | 1<br>Burial<br>Ground<br>Complex | 2<br>Radiological<br>Seepage<br>Basins and<br>Pits | 3<br>Coal Pile<br>Runoff<br>Basins and<br>Ash Basins | 4<br>Inactive<br>Process<br>Sewer Lines | 5<br>Nonradiological<br>Rubble Piles and<br>Pits | 6<br>Nonradiological<br>Seepage Basins | 7<br>Sludge<br>Application Sites | 8<br>Acid/Caustic<br>Basins | 9<br>Miscellaneous<br>Sites | 10<br>Groundwater | 11<br>Integrator<br>Operable Units |
| N  |                                  |  |  |   | 57   | 77                                     |                                  |                             | 354                         |                   |                                    |
| N  |                                  |  |  |   | 58   |  |                                  |                             | 82                          |                   |                                    |
| N  |                                  |  |  |   | 59   |  |                                  |                             |                             |                   |                                    |
| N  |                                  |  |  |   | 244  |  |                                  |                             |                             |                   |                                    |
| N  |                                  |  |  |   | 309  |  |                                  |                             |                             |                   |                                    |
| N  |                                  |  |  |   | 502  |  |                                  |                             |                             |                   |                                    |
| N  |                                  |  |  |   | 311  |  |                                  |                             |                             |                   |                                    |
| N  |                                  |  |  |   | 525  |  |                                  |                             |                             |                   |                                    |
|  |                                  |  |  |   |  |  |                                  |                             |                             |                   |                                    |
| P  |                                  | 316  | 313  | 557                                     | 477  |  |                                  |                             |                             | 143               |                                    |
| P  |                                  | 314  | 547  |   | 108  |  |                                  |                             |                             |                   |                                    |
| P  |                                  | 317  |  |   |  |  |                                  |                             |                             |                   |                                    |
| P  |                                  | 318  |  |   |  |  |                                  |                             |                             |                   |                                    |
| P  |                                  | 319  |  |   |  |  |                                  |                             |                             |                   |                                    |
| P  |                                  | 462  |  |   |  |  |                                  |                             |                             |                   |                                    |
|  |                                  |  |  |   |  |  |                                  |                             |                             |                   |                                    |
| R  |                                  | 42   | 329  | 271                                     | 116  |  |                                  |                             | 230                         | 288               |                                    |
| R  |                                  | 330  |  | 556                                     | 117  |  |                                  |                             | 231                         |                   |                                    |
| R  |                                  | 119  |  |   | 118  |  |                                  |                             | 312                         |                   |                                    |
| R  |                                  | 120  |  |   | 233  |  |                                  |                             | 324                         |                   |                                    |
| R  |                                  | 121  |  |   | 478  |  |                                  |                             | 513                         |                   |                                    |

**Table 4.4a\***  
**ESV Hazard Type Crosswalk for Area "TO GO" Units**

\*Data consistent w/2004 PMP

| Facility Area | Waste Unit Group (Hazard Type) |   |   |                                   |  |                                     |                               |                          |                          |                   |                                 |
|---------------|--------------------------------|---|---|-----------------------------------|--|-------------------------------------|-------------------------------|--------------------------|--------------------------|-------------------|---------------------------------|
|               | 1<br>Burial Ground Complex     | 2<br>Radiological Seepage Basins and Pits | 3<br>Coal Pile Runoff Basins and Ash Basins | 4<br>Inactive Process Sewer Lines | 5<br>Nonradiological Rubble Piles and Pits | 6<br>Nonradiological Seepage Basins | 7<br>Sludge Application Sites | 8<br>Acid/Caustic Basins | 9<br>Miscellaneous Sites | 10<br>Groundwater | 11<br>Integrator Operable Units |
| R             |                                | 122                                       |   |                                   |  |                                     |                               |                          | 517                      |                   |                                 |
| R             |                                | 123                                       |   |                                   |  |                                     |                               |                          |                          |                   |                                 |
| R             |                                | 124                                       |   |                                   |  |                                     |                               |                          |                          |                   |                                 |
|               |                                |   |   |                                   |  |                                     |                               |                          |                          |                   |                                 |
| T             |                                | 104                                       |   | 310                               |  |                                     |                               |                          | 127                      | 25                |                                 |
| T             |                                | 106                                       |   | 559                               |  |                                     |                               |                          | 467                      |                   |                                 |
| T             |                                | 139                                       |   |                                   |  |                                     |                               |                          | 500                      |                   |                                 |