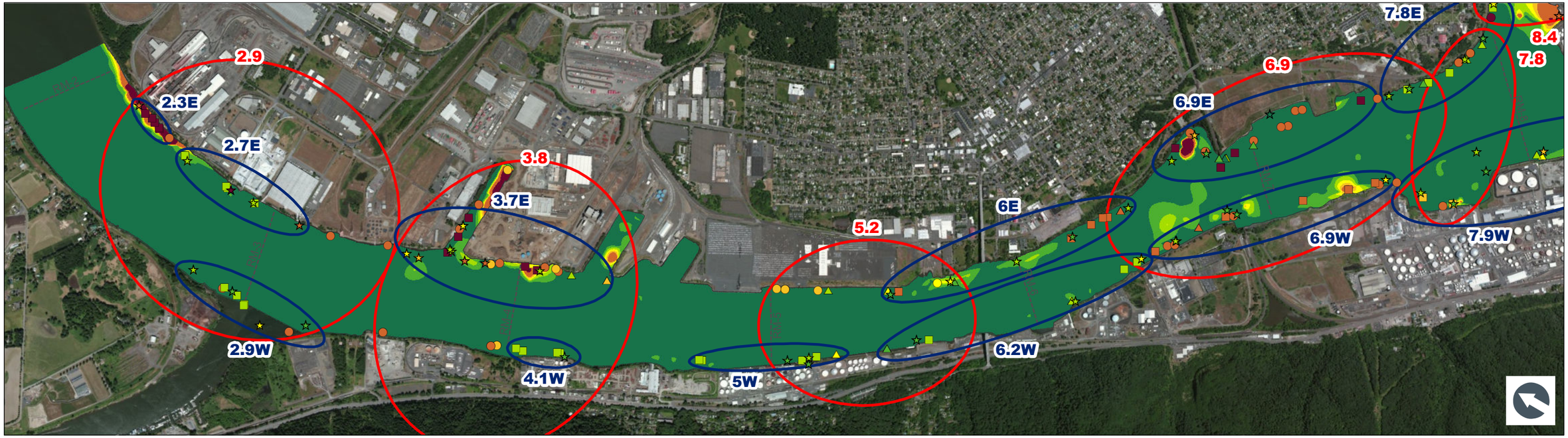

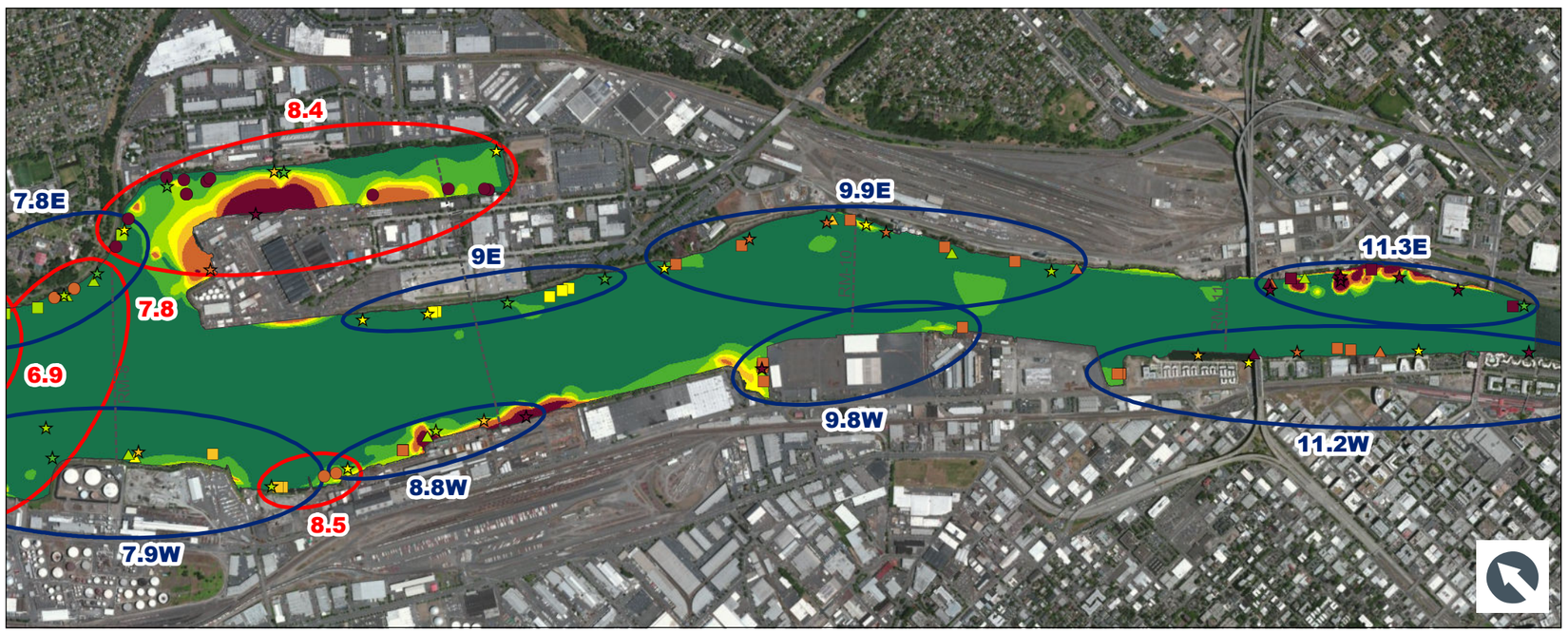

LEGEND

- River miles
- Portland Harbor Study Area

Smallmouth Bass Sampling Events

- LWG Round 4, 2012
- EPA, 2011
- LWG Round 3, 2007
- LWG Round 1, 2002
- Tissue Composite Groups (LWG Round 3, 2007)
- Tissue Composite Groups (LWG Round 1, 2002)

Total PCB Congeners (µg/kg)

- < 100
- 101 - 200
- 201 - 300
- 301 - 400
- 401 - 500
- 501 - 1,000
- > 1,000

Feet
0 990 1,980 2,970 3,960

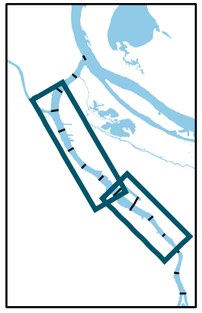

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Figure 1
Portland Harbor RI/FS
Sediment Equilibrium Estimates for the Revised Feasibility Study
Smallmouth Bass Tissue Sampling Locations and
Total PCB Sediment Concentration Contours

Q:\Jobs\010142-01_AQ_LWG\Maps\postFS\requests\AQ_TissueCompositeGroups_SMB.mxd eiverson 7/2/2014 11:22:39 AM

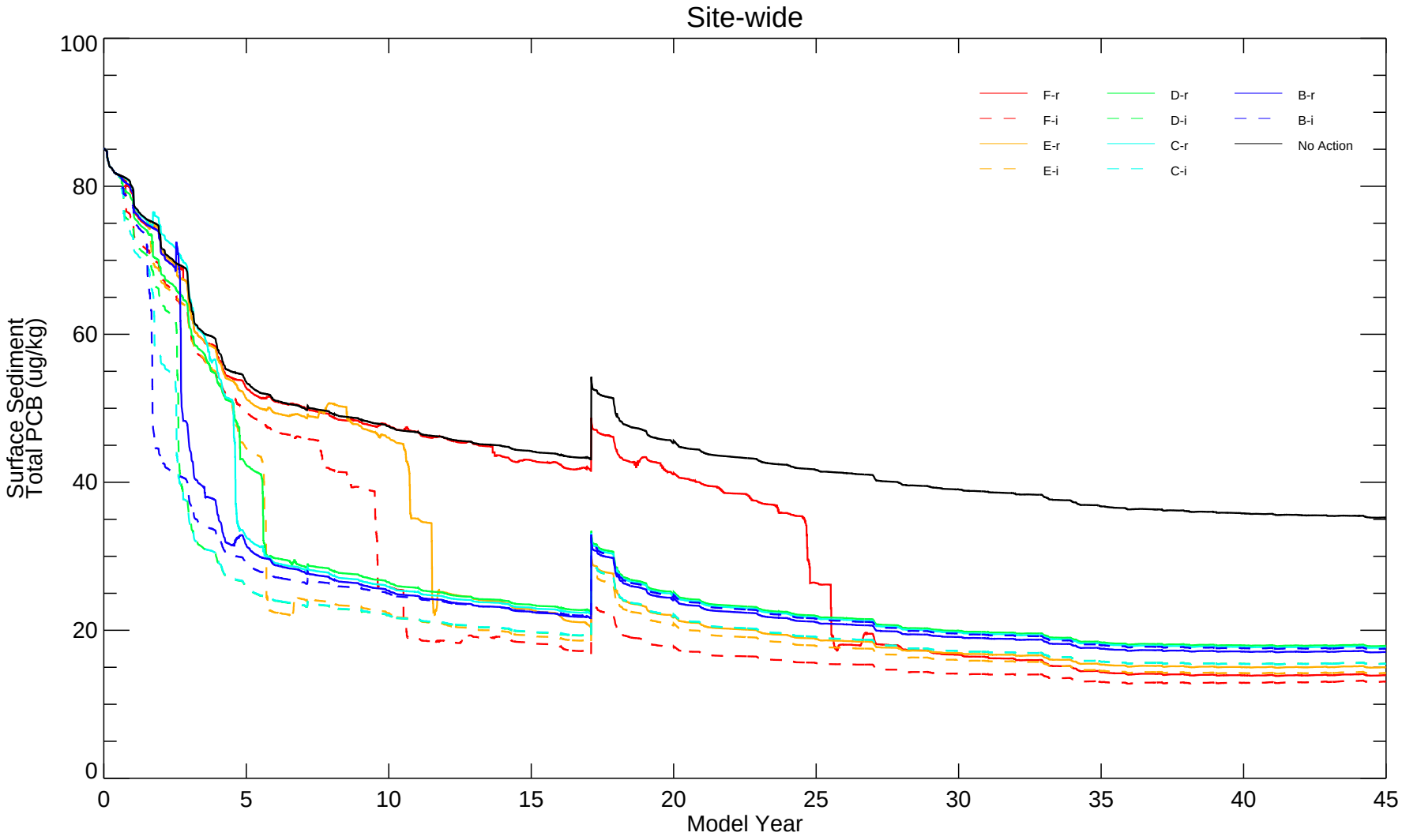

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Figure 2
Sediment Equilibrium Estimates for the Revised Feasibility Study
Time Series of Surface Sediment (Top 1-ft) Total PCB Concentrations
Site-wide Average from the Draft FS

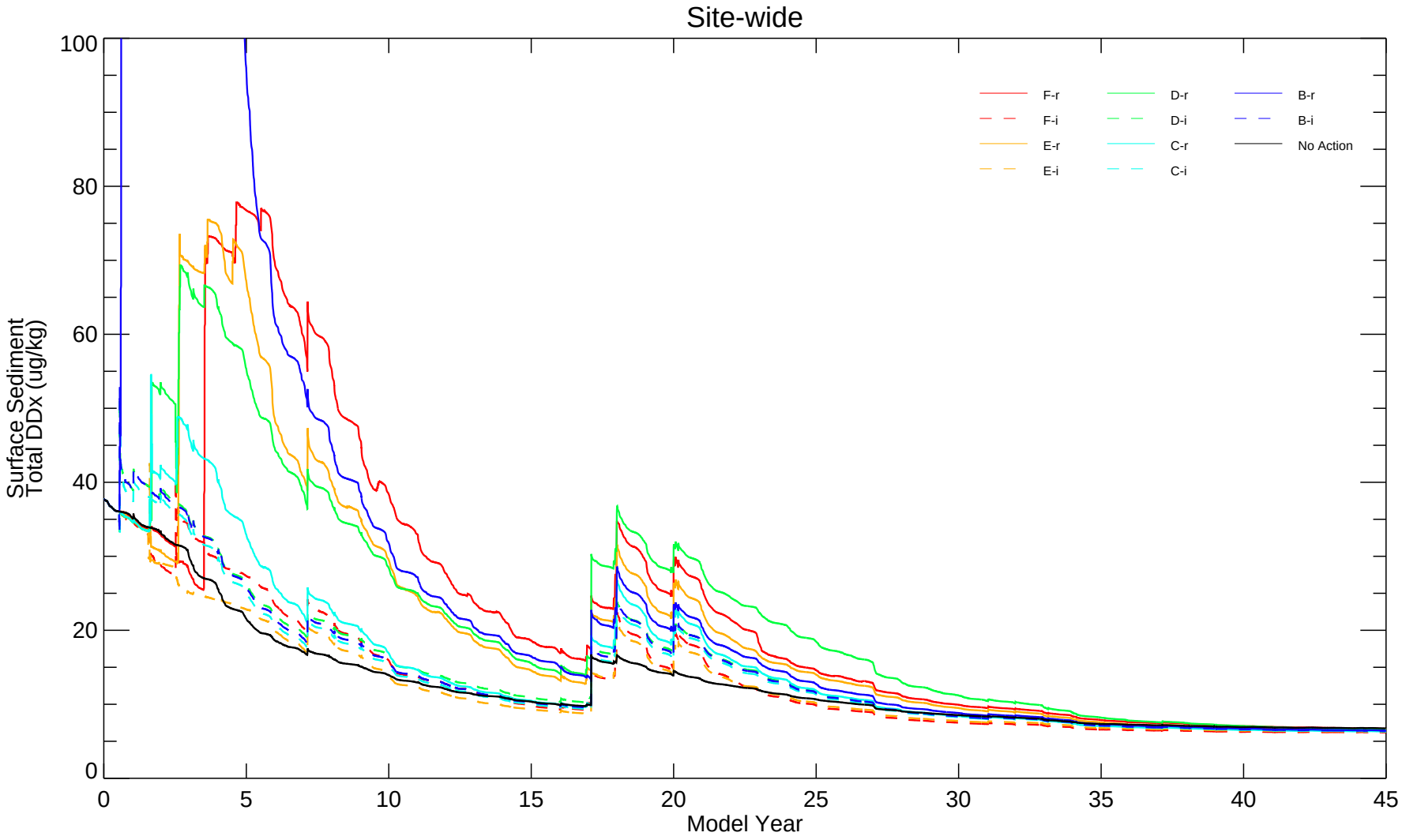

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Figure 3
Sediment Equilibrium Estimates for the Revised Feasibility Study
Time Series of Surface Sediment (Top 1-ft) Total DDx Concentrations
Site-wide Average from the Draft FS

Alternative B-r sediment concentrations were projected to peak at approximately 480 ug/kg during the first year of construction.
Total DDx calculated as a sum of each contaminant modeled in the Draft FS; i.e., "4_4'-DDD (p_p'-DDD)," "4_4'-DDE (p_p'-DDE)," and "4_4'-DDT (p_p'-DDT)."

MCS - \\helios\aq\D_Drive\Jobs\010142-01_LWG-Willamette\model\EFDC\Post_process\Bed_Sed\plot\batch\proj_45\temp\plot_chem_bed_temp_bat_proj_45_oplot_SIL_ucr_2_panel_20140627.pro Wed Jul 02 13:24:04 2014

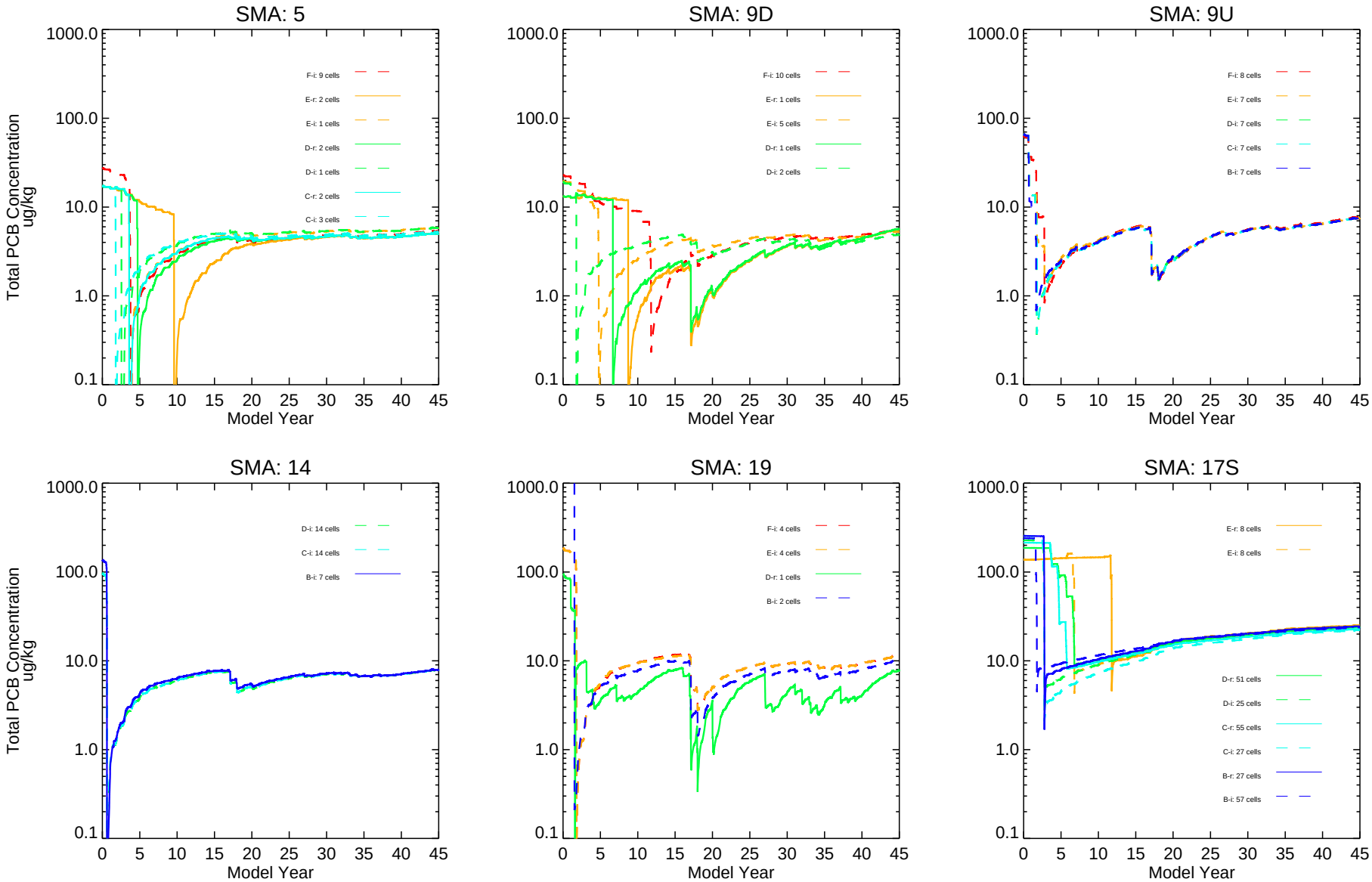

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Figure 4

Sediment Equilibrium Estimates for the Revised Feasibility Study
Time Series of Surface Sediment (Top 1-ft) Total PCB Concentrations
of Capping Cells in Example SMAs from the Draft FS

Number of cells included in SWAC are posted in legend next to alternative name.

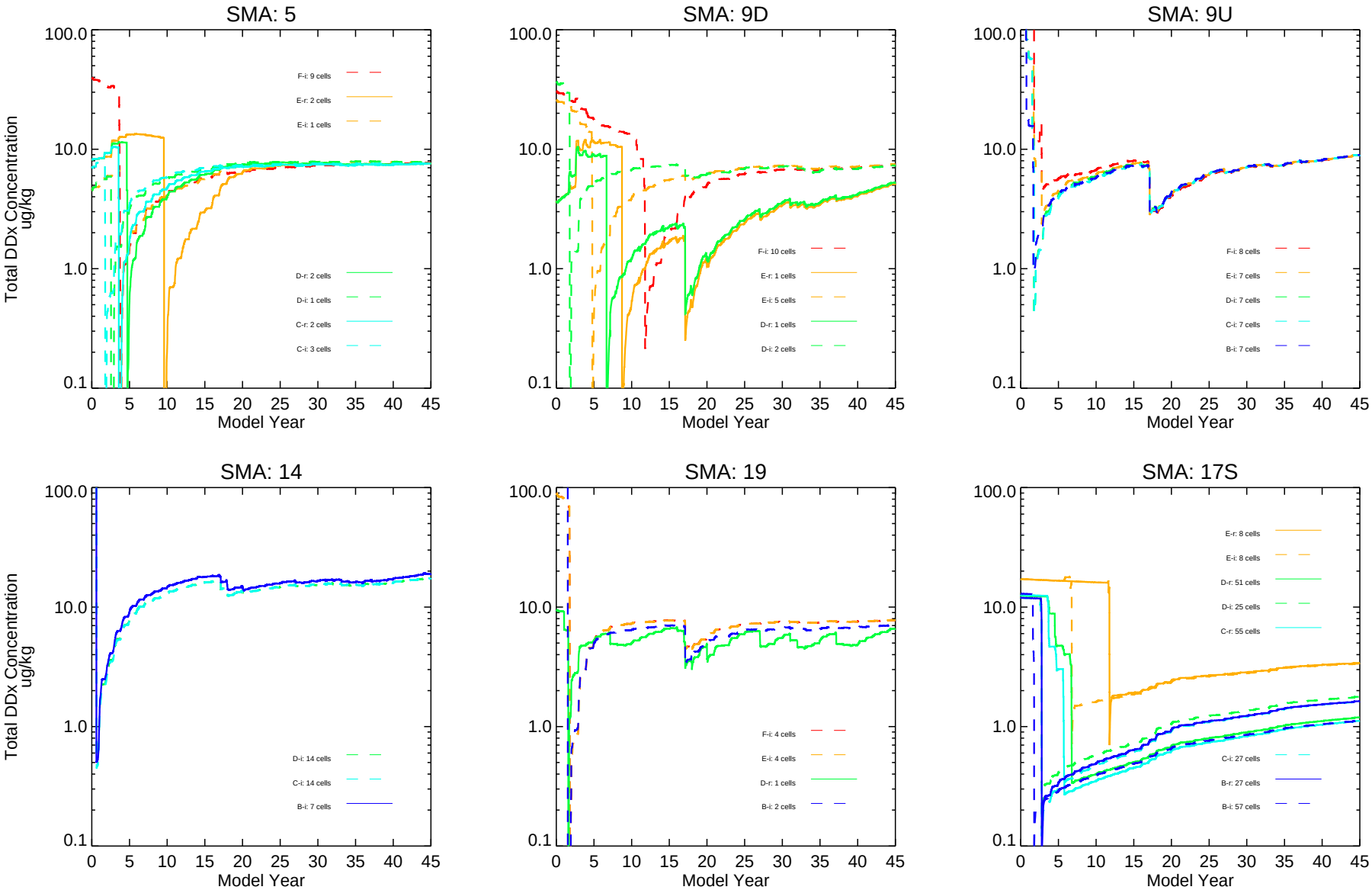

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Figure 5

Sediment Equilibrium Estimates for the Revised Feasibility Study
Time Series of Surface Sediment (Top 1-ft) Total DDx Concentrations
of Capping Cells in Example SMAs from the Draft FS

Number of cells included in SWAC are posted in legend next to alternative name.
Sum DDx calculated as a sum of each contaminant modeled in the Draft FS; i.e., "4_4'-DDD (p_p'-DDD)," "4_4'-DDE (p_p'-DDE)," and "4_4'-DDT (p_p'-DDT)."