APPENDIX G: Pollutant Selection Tool Information

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The following tables show the modules, tables within these modules, and MASS-LINKS that are added when you select various constituents within the "Pollutant Selection Tool."

FECAL COLIFORM

PERLND	IMPLND	RCHRES
PQUAL	*IQUAL*	*GQUAL*
QUAL-PROPS QUAL-INPUT MON-ACCUM MON-SQOLIM MON-IFLW-CONC MON-GRND-CONC	QUAL-PROPS QUAL-INPUT	GQ-QALDATA GQ-QALFG GQ-GENDECAY

MASS-LINKS

PERLND   PQUAL POQUAL 5   RCHRES   INFLOW IDQAL 1
IMPLND   IQUAL SOQUAL 5   RCHRES   INFLOW IDQAL 1

AMMONIUM (NH$_4^+$)/AMMONIA (NH$_3$)

PERLND	IMPLND	RCHRES
PQUAL	*IQUAL*	*NUTRX*
QUAL-PROPS QUAL-INPUT MON-ACCUM MON-SQOLIM MON-IFLW-CONC MON-GRND-CONC	QUAL-PROPS QUAL-INPUT	NUT-FLAGS CONV-VAL1 NUT-BENPARM NUT-NITDENIT NUT-DINIT

MASS-LINKS

PERLND   PQUAL POQUAL 1   RCHRES   INFLOW NUIF1 2
IMPLND   IQUAL SOQUAL 1   RCHRES   INFLOW NUIF1 2

NITRITE (NO$_2^-$)/NITRATE(NO$_3^-$)

PERLND	IMPLND	RCHRES
PQUAL	*IQUAL*	*NUTRX*
QUAL-PROPS	QUAL-PROPS	NUT-FLAGS
QUAL-INPUT	QUAL-INPUT	CONV-VAL1
MON-ACCUM		NUT-BENPARM
MON-SQOLIM		NUT-NITDENIT
MON-IFLW-CONC		NUT-DINIT
MON-GRND-CONC		

MASS-LINKS

PERLND PQUAL POQUAL 2   RCHRES   INFLOW NUIF1 1
IMPLND IQUAL SOQUAL 2   RCHRES   INFLOW NUIF1 1

ORTHOPHOSPHATE

PERLND	IMPLND	RCHRES
PQUAL	*IQUAL*	*NUTRX*
QUAL-PROPS	QUAL-PROPS	NUT-FLAGS
QUAL-INPUT	QUAL-INPUT	CONV-VAL1
MON-ACCUM		NUT-BENPARM
MON-SQOLIM		NUT-NITDENIT
MON-IFLW-CONC		NUT-DINIT
MON-GRND-CONC		

MASS-LINKS

PERLND PQUAL POQUAL 3   RCHRES   INFLOW NUIF1 4
IMPLND IQUAL SOQUAL 3   RCHRES   INFLOW NUIF1 4

BIOCHEMICAL OXYGEN DEMAND (BOD)

PERLND	IMPLND	RCHRES
PQUAL	*IQUAL*	*RQUAL*
QUAL-PROPS	QUAL-PROPS	BENTH-FLAG
QUAL-INPUT	QUAL-INPUT	*OXRX*
MON-ACCUM		OX-FLAGS
MON-SQOLIM		OX-GENPARM
MON-IFLW-CONC		OX-BENPARM
MON-GRND-CONC		OX-REAPARM
		OX-INIT
		NUTRX
		NUT-FLAGS
		CONV-VAL1
		NUT-BENPARM
		NUT-NITDENIT
		NUT-DINIT
		PLANK
		PLNK-FLAGS
		PLNK-PARM1
		PLNK-PARM2
		PLNK-PARM3
		PHYTO-PARM
		BENAL-PARM
		PLNK-INIT

MASS-LINKS

```
PERLND   PQUAL  POQUAL 4      0.4      RCHRES      INFLOW OXIF  2
PERLND   PQUAL  POQUAL 4      0.048    RCHRES      INFLOW PKIF  3
PERLND   PQUAL  POQUAL 4      0.0023   RCHRES      INFLOW PKIF  4
PERLND   PQUAL  POQUAL 4      0.301    RCHRES      INFLOW PKIF  5
IMPLND   IQUAL  SOQUAL 4      0.4      RCHRES      INFLOW OXIF  2
IMPLND   IQUAL  SOQUAL 4      0.048    RCHRES      INFLOW PKIF  3
IMPLND   IQUAL  SOQUAL 4      0.0023   RCHRES      INFLOW PKIF  4
IMPLND   IQUAL  SOQUAL 4      0.301    RCHRES      INFLOW PKIF  5
```

METALS

PERLND	IMPLND	RCHRES
SEDMNT	*SOLIDS*	*SEDTRN*
SED-PARM1 SED-PARM2 SED-PARM3 MON-COVER SED-STOR QUAL-PROPS QUAL-INPUT MON-IFLW-CONC MON-GRND-CONC	SLD-PARM1 SLD-PARM2 SLD-STOR	SANDFG SED-GENPARM SAND-PM SILT-CLAY-PM SILT-CLAY-PM SSED-INIT BED-INIT
PQUAL	*IQUAL*	*GQUAL*
QUAL-PROPS QUAL-INPUT MON-IFLW-CONC MON-GRND-CONC	QUAL-PROPS QUAL-INPUT	GQ-QALDATA GQ-QALFG GQ-KD GQ-ADRATE GQ-SEDCONC GQ-ADTHETA

MASS-LINKS

```
PERLND    PQUAL  SOQS  3      0.05    RCHRES        INFLOW ISQAL  1 3
PERLND    PQUAL  SOQS  3      0.55    RCHRES        INFLOW ISQAL  2 3
PERLND    PQUAL  SOQS  3       0.4    RCHRES        INFLOW ISQAL  3 3
PERLND    PQUAL  IOQUAL 7              RCHRES        INFLOW IDQAL  3
PERLND    PQUAL  AOQUAL 7              RCHRES        INFLOW IDQAL  3
IMPLND    IQUAL  SOQS  3      0.05    RCHRES        INFLOW ISQAL  1 3
IMPLND    IQUAL  SOQS  3      0.55    RCHRES        INFLOW ISQAL  2 3
IMPLND    IQUAL  SOQS  3       0.4    RCHRES        INFLOW ISQAL  3 3
```

SEDIMENT

PERLND	IMPLND	RCHRES
SEDMNT	*SOLIDS*	*SEDTRN*
SED-PARM1	SLD-PARM1	SANDFG
SED-PARM2	SLD-PARM2	SED-GENPARM
SED-PARM3	SLD-STOR	SAND-PM
MON-COVER		SILT-CLAY-PM
SED-STOR		SILT-CLAY-PM
QUAL-PROPS		SSED-INIT
QUAL-INPUT		BED-INIT
MON-IFLW-CONC		
MON-GRND-CONC		

MASS-LINKS

```
PERLND    SEDMNT SOSED  1      0.05    RCHRES       INFLOW ISED   1
PERLND    SEDMNT SOSED  1      0.55    RCHRES       INFLOW ISED   2
PERLND    SEDMNT SOSED  1      0.40    RCHRES       INFLOW ISED   3
IMPLND    SOLIDS SOSLD  1      0.05    RCHRES       INFLOW ISED   1
IMPLND    SOLIDS SOSLD  1      0.55    RCHRES       INFLOW ISED   2
IMPLND    SOLIDS SOSLD  1      0.40    RCHRES       INFLOW ISED   3
```

DISSOLVED OXYGEN

PERLND	IMPLND	RCHRES
PWTGAS	*IWTGAS*	*RQUAL*
PWT-PARM1	IWT-PARM1	BENTH-FLAG
PWT-PARM2	IWT-PARM2	*OXRX*
MON-IFWDOX	MON-AWTF	OX-FLAGS
MON-GRNDDOX	MON-BWTF	OX-GENPARM
PWT-GASES		OX-BENPARM
		OX-REAPARM
		OX-INIT

MASS-LINKS

```
PERLND    PWTGAS PODOXM              RCHRES       INFLOW OXIF   1
IMPLND    IWTGAS SODOXM              RCHRES       INFLOW OXIF   1
```

WATER TEMPERATURE

PERLND	IMPLND	RCHRES
ATEMP	*ATEMP*	*HTRCH*
ATEMP-DAT	ATEMP-DAT	HT-BED-FLAGS
PWTGAS	*IWTGAS*	HT-BED-PARM
PWT-PARM1	IWT-PARM1	MON-HT-TGRND
PWT-PARM2	IWT-PARM2	HEAT-PARM
MON-IFWDOX	MON-AWTF	HEAT-INIT
MON-GRNDDOX	MON-BWTF	
PWT-GASES		
PSTEMP		
PSTEMP-PARM1		
PSTEMP-PARM2		
MON-ASLT		
MON-BSLT		
MON-ULTP1		
MON-ULTP2		
MON-LGTP1		
PSTEMP-TEMPS		

MASS-LINKS

PERLND   PWTGAS POHT   RCHRES   INFLOW IHEAT
IMPLND   IWTGAS SOHT   RCHRES   INFLOW IHEAT