Non-Point Source Matrix

Full Group

July 22,2005

Non-Point Source Matrix

Source Name	River Mile	Phosphorus Type	Load Seasonality	Current Load (in lbs.)	Target Load (in lbs.)	Needed reduction (TMDL LA)	Control Method	Imapct of Contol (in %)	Controlled Reduction (in lbs.)	Surplus reduction	Location discount (in %)
Valley and LSR Aquifer and Atmosphere											
Atmosperic Deposition											
Agricultural Tile Dranage											
Cropland and Pasture Runoff											
Decaying Biomass											
Feedlots											
Non-agricultural Fertilizer											
Illicit Discharges											
Stream Bank Erosion											
Septic Tank Contributions											
Little Spokane River											
Hangman Creek											
Long Lake											
Lake CDA											
Stormwater and CSO/Storm											

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Va[illegible] and LSR Aquifer and Atmosphere											
Atmospheric D[illegible]											
Agricultural Tile Dranage											
Cropland and Pasture Runoff											
Decaying Biomass											
Feedlots											
Non-agricultural Fertilizer											
Illicit Discharges											
Stream Bank Erosion											
Septic Tank Contributions											
Little Spokane River											
Hangman Creek											
Long Lake											
Lake CDA											
Stormwater and CSO/Storm											

Matrix Column Headings
Group "A"

Source Name	*River Mile*	*Phosphorus Type*

Matrix Column Headings Group "A"

Source Name	*River Mile*	*Phosphorus Type*

Soluable or Nonsoluable

Matrix Column Headings
Group "B"

Load Seasonality	*Current Load (in lbs.)*	*Target Load (in lbs.)*	*Needed reduction (TMDL LA)*	*Control Method*

Year 'round or only
April through October

Matrix Column Headings Group "B"

Load Seasonality	*Current Load (in lbs.)*	*Target Load (in lbs.)*	*Needed reduction (TMDL LA)*	*Control Method*

Decide this later in comparison with other P reduction possibilities

Matrix Column Headings
Group "B"

Load Seasonality	*Current Load (in lbs.)*	*Target Load (in lbs.)*	*Needed reduction (TMDL LA)*	*Control Method*

Control technology being used or proposed

Matrix Column Headings
Group "C"

Imapct of Contol (in %)	*Controlled Reduction (in lbs.)*	*Surplus reduction*	*Location discount (in %)*	*Uncertainty discount (in %)*	*Cost of Control*

% reduction of this pollutant load resulting from this control effort

Matrix Column Headings
Group "C"

Imapct of Contol (in %)	*Controlled Reduction (in lbs.)*	*Surplus reduction*	*Location discount (in %)*	*Uncertainty discount (in %)*	*Cost of Control*

BSOM
(The definition of this column Beats the Stuffing Out of Me!)

The load after the control has been implemented, i.e., "Current Load" impact of control.

Matrix Column Headings
Group "C"

Imapct of Contol (in %)	*Controlled Reduction (in lbs.)*	*Surplus reduction*	*Location discount (in %)*	*Uncertainty discount (in %)*	*Cost of Control*

Difference between "needed" reduction and "controlled" reduction

Matrix Column Headings
Group "C"

Imapct of Contol (in %)	*Controlled Reduction (in lbs.)*	*Surplus reduction*	*Location discount (in %)*	*Uncertainty discount (in %)*	*Cost of Control*

Applied when geology or hydrology put reduction a long distance from Lake

Matrix Column Headings
Group "C"

Imapct of Contol (in %)	*Controlled Reduction (in lbs.)*	*Surplus reduction*	*Location discount (in %)*	*Uncertainty discount (in %)*	*Cost of Control*

Applied when reductions cannot be directly measured at end-of-pipe

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Valley and LSR Aquifer and Atmosphere											
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Hangman Creek											
Long Lake											
Lake CDA											
rmwater and CSO/Storm											

Matrix Rows

Source Name
Valley and LSR Aquifer and Atmosphere
Atmosperic Deposition
Agricultural Tile Dranage
Cropland and Pasture Runoff
Decaying Biomass
Feedlots
Non-agricultural Fertilizer
Illicit Discharges
Stream Bank Erosion
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Matrix Rows

These details…

Source Name
Valley and LSR Aquifer and Atmosphere
Atmosperic Deposition
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…under each heading