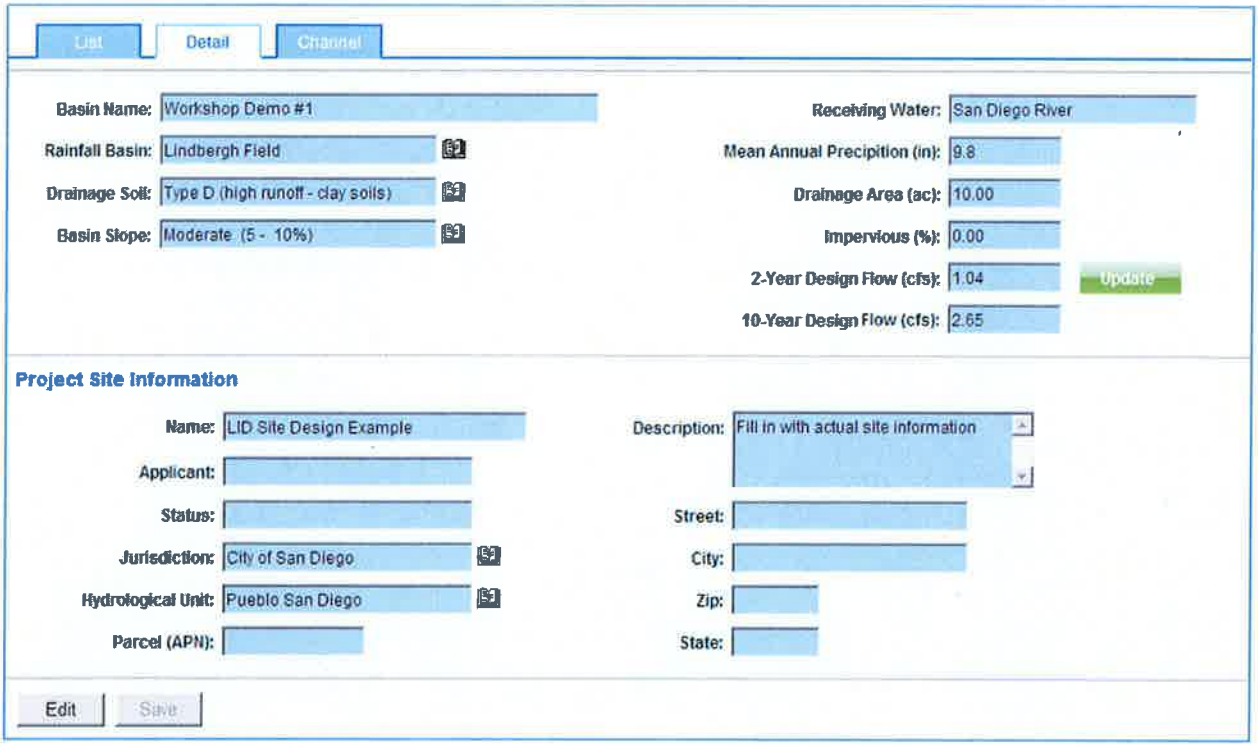
HMP Sizing Calculator

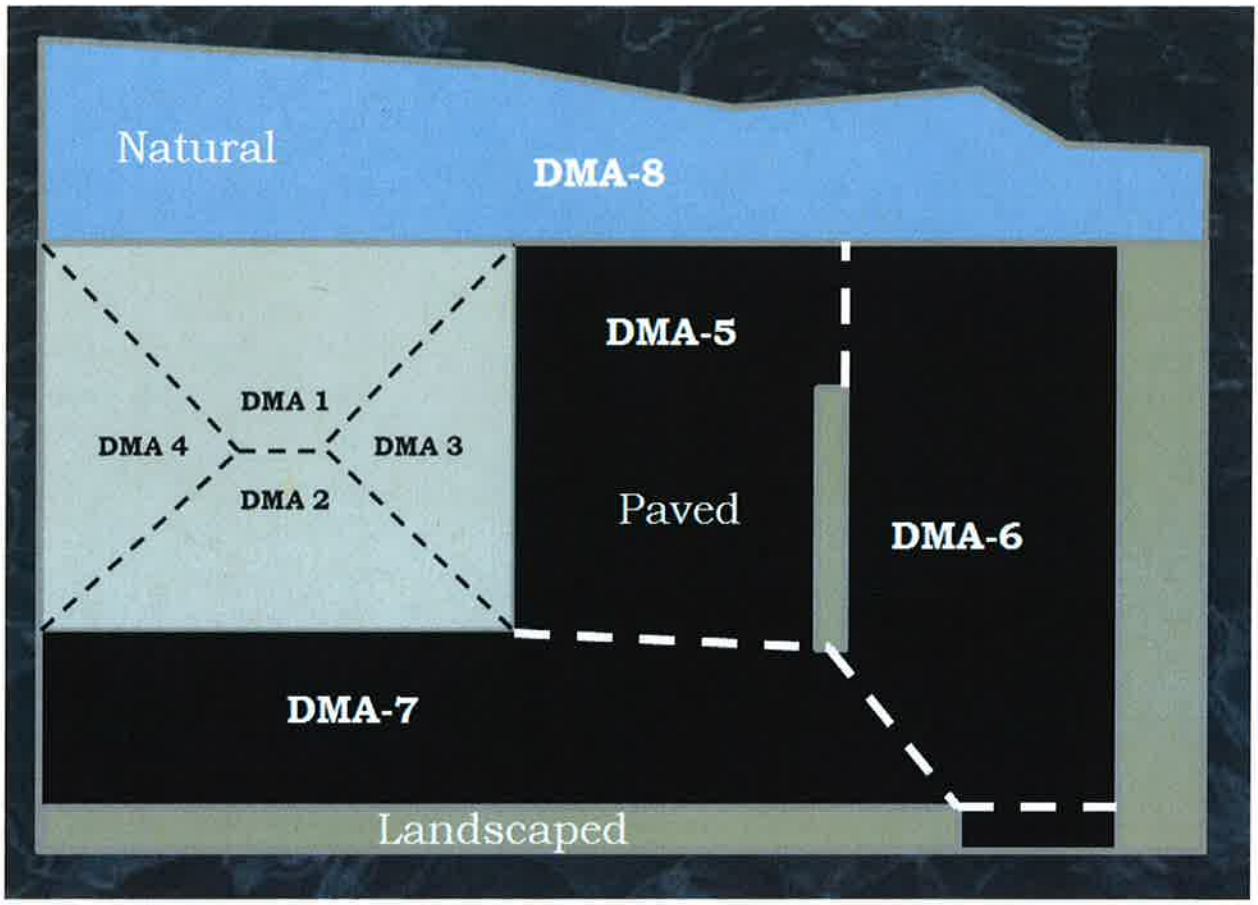
Example Screenshots

A) Sizing Calculator – Drainage Basin Details

B) Sizing Calculator – Channel Analysis



C) Defining Drainage Management Areas



DMA | LID | Sizing | Report

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ID	Description	Type	BMP ID	Area (ac)	Pre-Project Cover	Post-Project Cover
109	DMA #1, Roof	Drains to Self-Retaining	BMP 1	0.9	Pervious	Impervious
110	DMA #2, Roof	Drains to LID	BMP 2	0.9	Pervious	Impervious
111	DMA #3, Roof	Drains to LID	BMP 3	0.6	Pervious	Impervious
112	DMA #4, Roof	Drains to LID	BMP 2	0.6	Pervious	Impervious
113	DMA #5, Parking	Drains to LID	BMP 3	1.00	Pervious	Impervious
114	DMA #6, Parking	Drains to LID	BMP 4	0.8	Pervious	Impervious
115	DMA #7, Parking	Drains to LID	BMP 2	1.2	Pervious	Impervious
116	DMA #8, Natural	Self-Retaining	BMP 1	2.1	Pervious	Pervious

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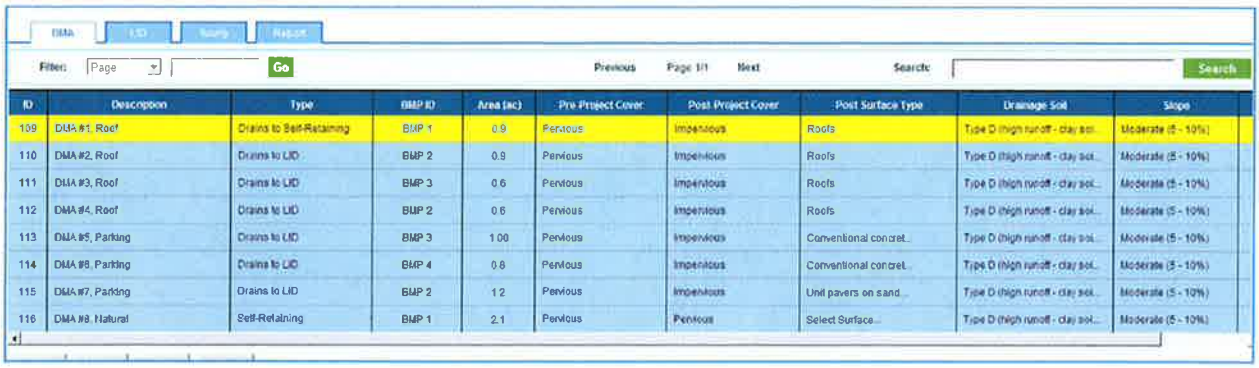
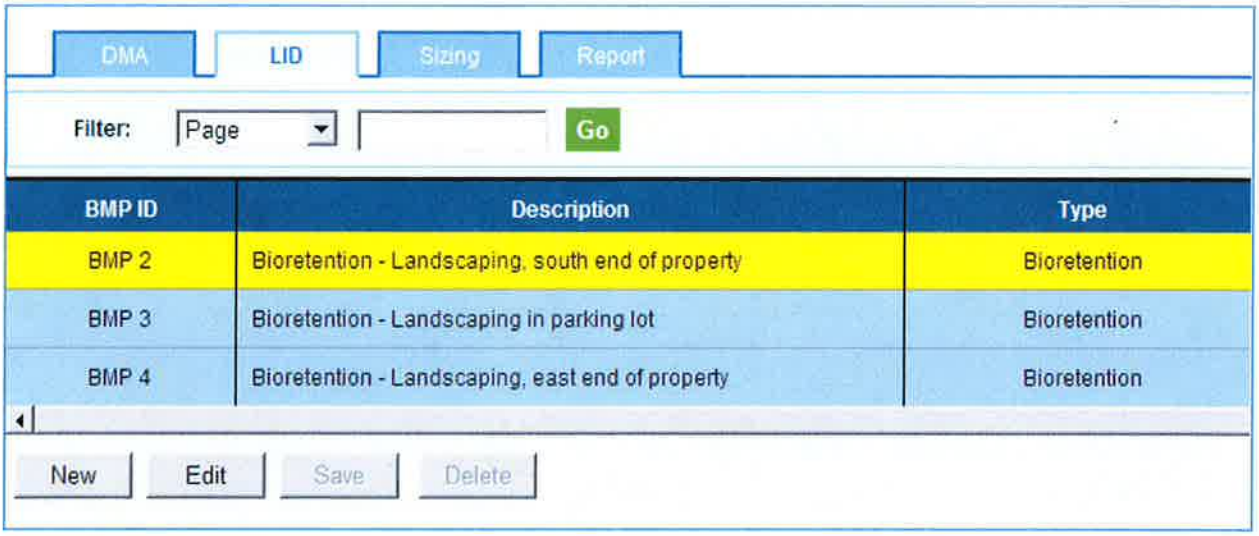
D) LID Sizing – Define DMA's



ID	Description	Type	BMP ID	Area (ac)	Pre-Project Cover	Post-Project Cover	Post-Surface Type	Drainage Soil	Slope
109	DMA #1, Roof	Drains to Self-Retaining	BMP 1	0.9	Pervious	Impervious	Roofs	Type D (high runoff - clay soi...	Moderate (5 - 10%)
110	DMA #2, Roof	Drains to LID	BMP 2	0.9	Pervious	Impervious	Roofs	Type D (high runoff - clay soi...	Moderate (5 - 10%)
111	DMA #3, Roof	Drains to LID	BMP 3	0.6	Pervious	Impervious	Roofs	Type D (high runoff - clay soi...	Moderate (5 - 10%)
112	DMA #4, Roof	Drains to LID	BMP 2	0.6	Pervious	Impervious	Roofs	Type D (high runoff - clay soi...	Moderate (5 - 10%)
113	DMA #5, Parking	Drains to LID	BMP 3	1.00	Pervious	Impervious	Conventional concret...	Type D (high runoff - clay soi...	Moderate (5 - 10%)
114	DMA #6, Parking	Drains to LID	BMP 4	0.6	Pervious	Impervious	Conventional concret...	Type D (high runoff - clay soi...	Moderate (5 - 10%)
115	DMA #7, Parking	Drains to LID	BMP 2	1.2	Pervious	Impervious	Unit pavers on sand...	Type D (high runoff - clay soi...	Moderate (5 - 10%)
116	DMA #8, Natural	Self-Retaining	BMP 1	2.1	Pervious	Pervious	Select Surface...	Type D (high runoff - clay soi...	Moderate (5 - 10%)

E) LID Sizing – Summary Table



F) LID Sizing – Calculations

G) Pond Sizing – Define DMA's

DMAs | Scenario | Sizing | H-Q Curve | Drawdown | Report

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ID	Description	Type	Area (ac)	Pre-Project Cover	Post-Project Cover
103	Apartment Roof Runoff	Drains to LID	3.5	Pervious	Impervious
104	Landscaping near Apts	Drains to LID	2.00	Pervious	Pervious
105	Parking Lot	Drains to Pond	4.00	Pervious	Impervious
106	Perimeter Landscaping	Drains to Pond	0.5	Pervious	Urban

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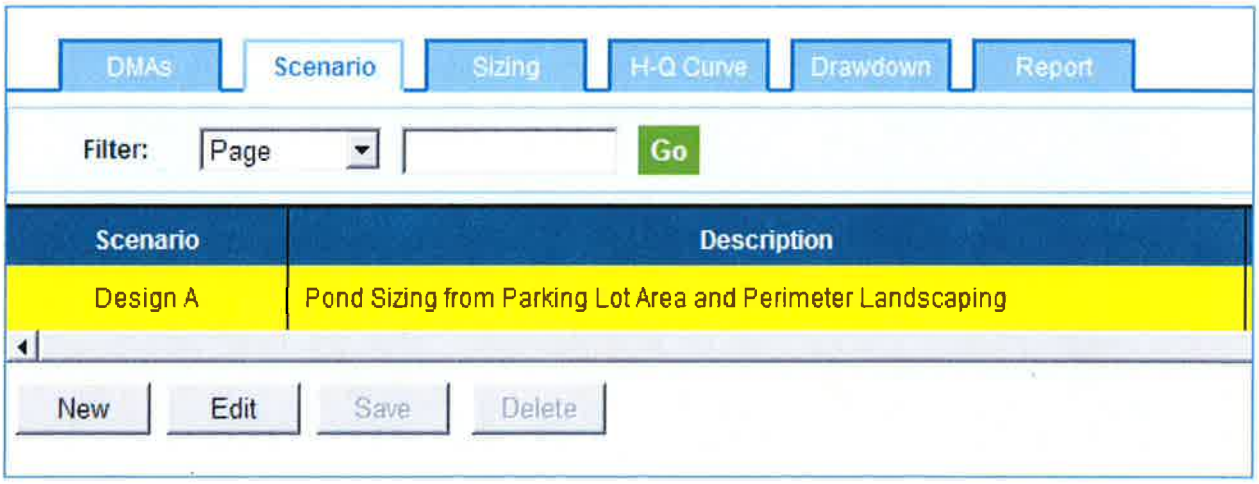
H) Pond Sizing – Define Scenarios



DMAs | Scenario | Sizing | H-Q Curve | Drawdown | Report

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Scenario	Description
Design A	Pond Sizing from Parking Lot Area and Perimeter Landscaping

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I) Pond Sizing – Calculations