

WWAT Screening Tool Interface

Michigan's Water Withdrawal Assessment Tool (WWAT)

Screening Results - Windows Internet Explorer

<http://www.miwat.org/response.asp?count=7&id=20765,20706,20752,20863,20899,21103,21213&estrm=12.5075949312879,C>

Water Withdrawal Screening Results

Adverse Resource Impact (ARI) Graph

ARI Line

A	B	C	D
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The ARI graph above illustrates the estimated removal of water from a nearby stream and its potential for causing an adverse resource impact (ARI).

The proposed withdrawal has passed in Zone A.

PROCEED

Screening Results - PASSED

STREAM CLASSIFICATION: Warm stream
[Learn More..](#)

RESULTS:
The proposed withdrawal has passed the screening process. The projected impact of the withdrawal lies within 'Zone A' and is not likely to cause an adverse resource impact.

REGISTRATION:
A large quantity withdrawal (LQW) with a capacity of 70 GPM or greater must be registered with the Michigan Department of Environmental Quality, or with the Michigan Department of Agriculture if the LQW is for an agricultural purpose, before the withdrawal can begin. A registration is valid for 18 months. The withdrawal capacity must be installed within this time period or the registration becomes void. Registration may be done at this time through the button at the right.

You may register at this time, or come back to this site at a later time, or you may obtain a form to register the withdrawal by contacting Andrew LeBaron at 517-241-1435, or on-line at: www.michigan.gov/deqwateruse

DISCLAIMER:
The Water Withdrawal Assessment Tool is designed to estimate the likely impact of a proposed water withdrawal on nearby

Actions:

- Help
- Rerun
- Register Now
- Feedback
- Print Report
- Administrator
- Exit

Current Stats at Location

- Depth to Bedrock (FT): 204
- Average Well Depth (FT): 123
- Percent Wells in Glacial: 62
- Percent Wells in Bedrock: 30

GIS Tools

- Zoom In
- Address
- Back
- Identify
- Measure
- Overview Map
- Query Builder
- New Withdrawal

Data Layers

- All Layers
- Roads
- State Roads
- Existing water
- Streams
- Lakes
- Watersheds
- Sections
- County
- Aerial Photo (B)

Watershed Metadata

[Refresh Map](#)

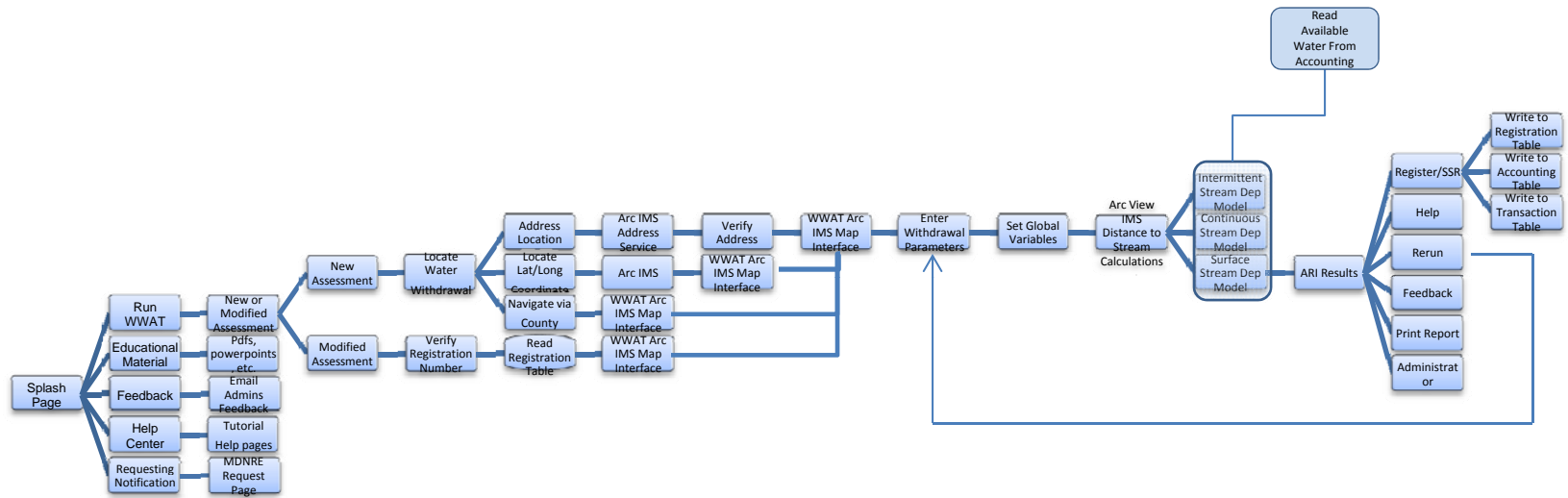
Internet

Done

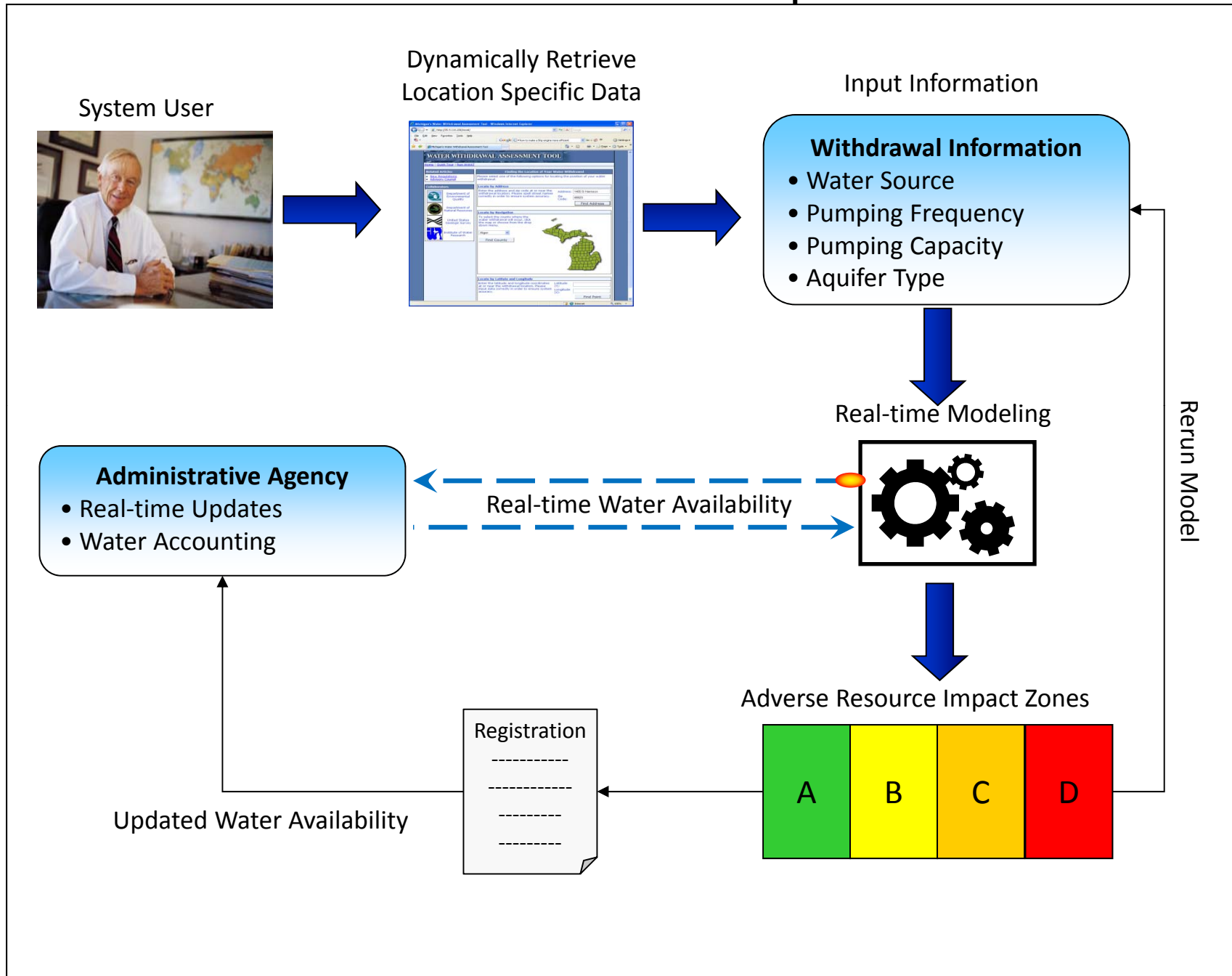
Design Diagram

Project: Water Withdrawal Assessment Tool

Name: Webpage Layout

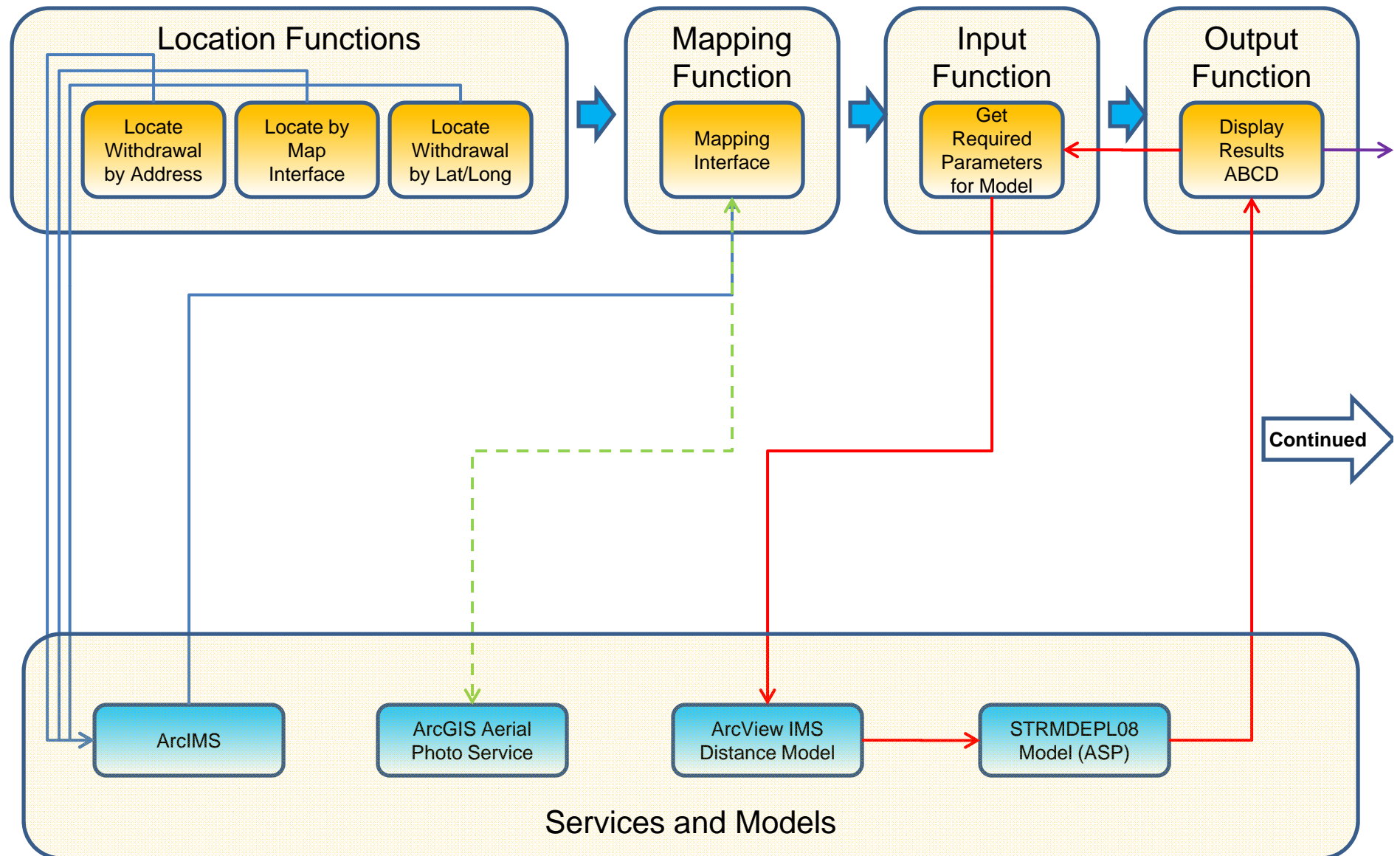


Water Withdrawal Assessment Tool Conceptual Model



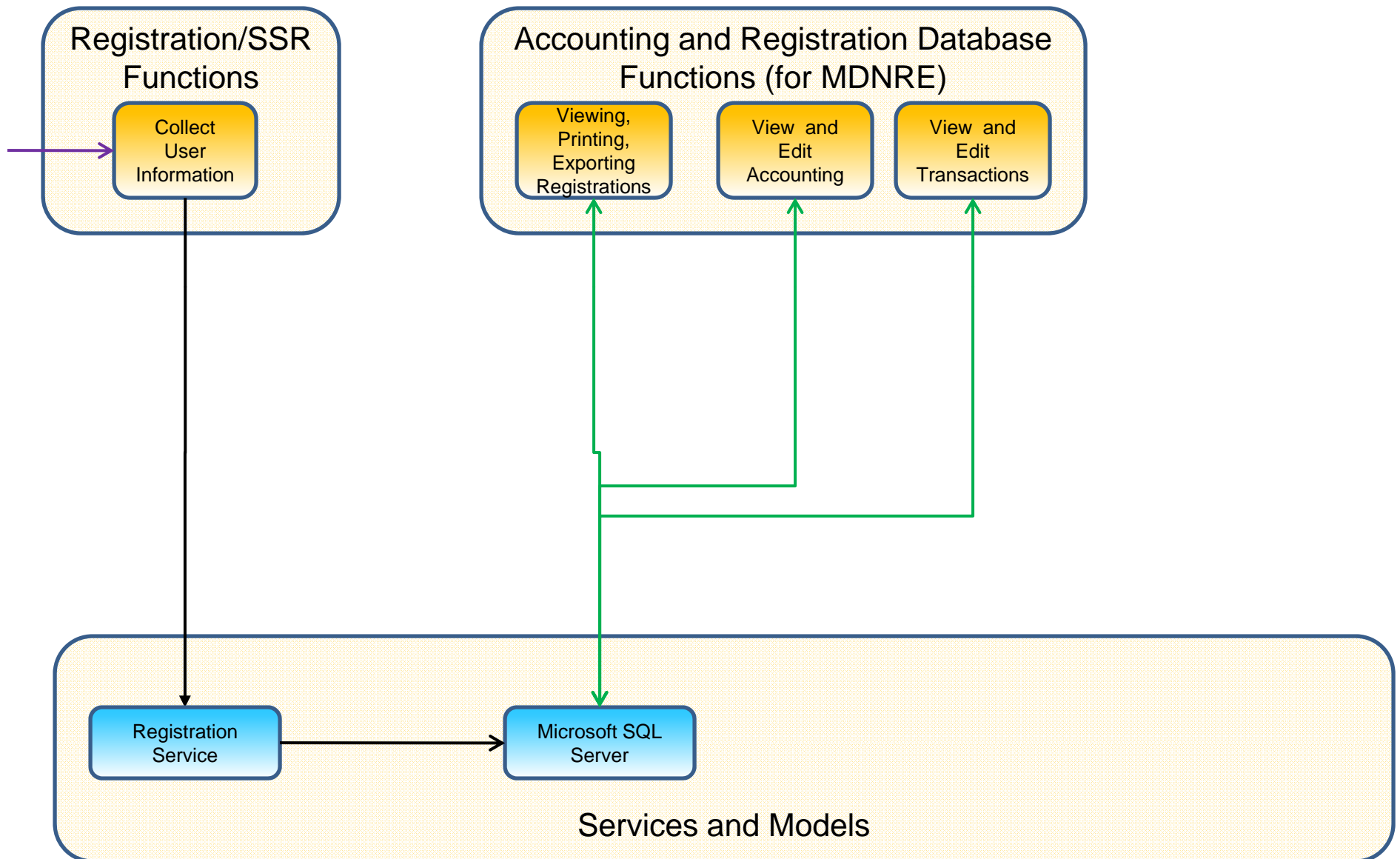
Design Diagram

Project: Water Withdrawal Assessment Tool
Name: Major System Functions and Services

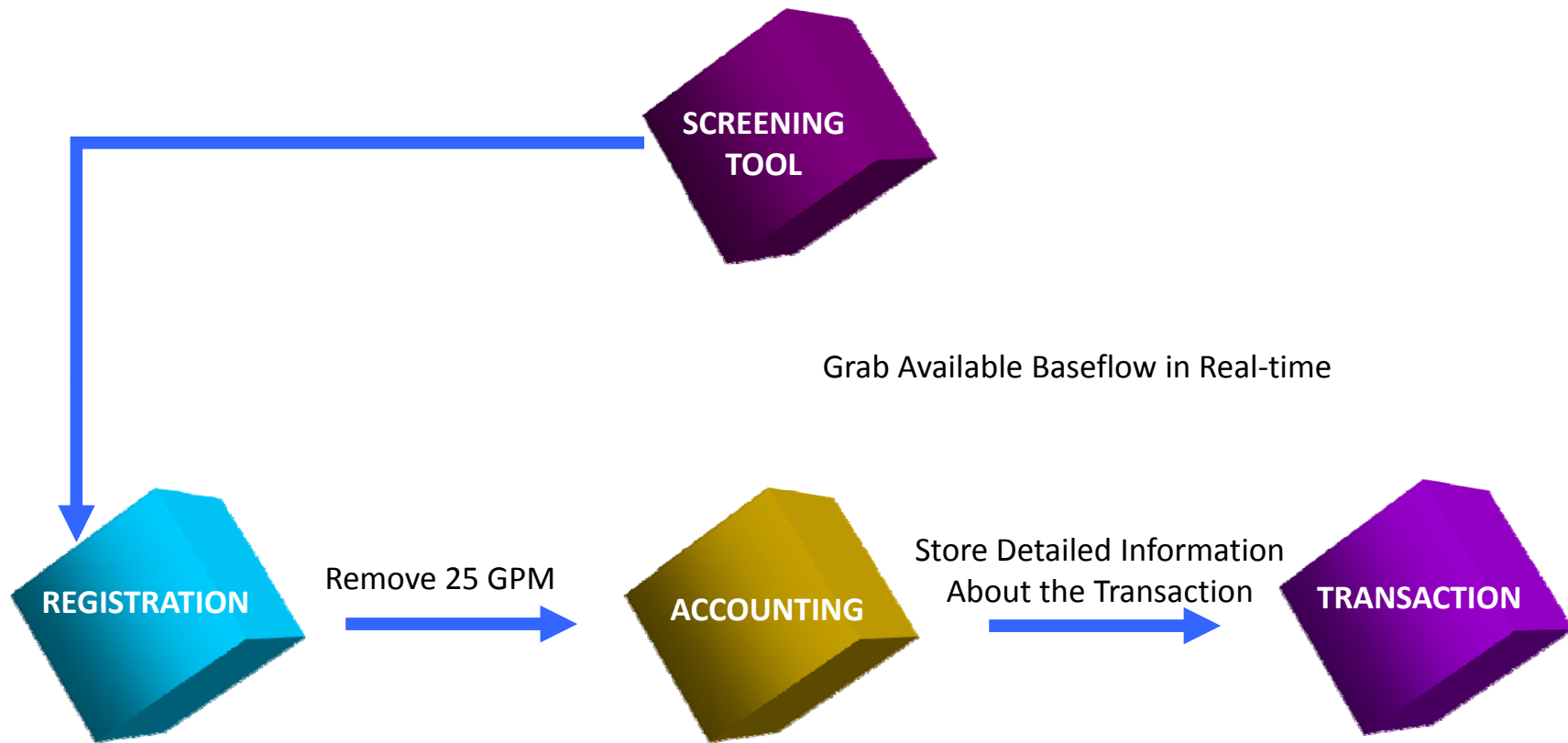


Design Diagram

Project: Water Withdrawal Assessment Tool
Name: Major System Functions and Services



WWAT Account Transactions Information Flow



The Accounting Table

http://www.miwwat.org/db/ - Windows Internet Explorer

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Home Login Registrations **Accounting** Transactions

View Accounting

[View All](#)
[View Modified](#)

Find Watershed:

ACCOUNTING TABLE - (Showing records with changes made to available water)

Modify	Watershed ID	Index Flow	Stream Type	A/B Zone Break	B/C Zone Break	C/D Zone Break	A/B Adjusted Break	B/C Adjusted Break	C/D Adjusted Break	Cold Mod Flag
Edit	78	13.8	Cold stream	435	435	621	435	435	621	
Edit	625	168.1	Cool large river	5280	7166	9429	5248	7134	9397	
Edit	681	2.9	Cold stream	93	93	132	81	81	120	
Edit	724	0.4	Cold stream	13	13	19	5	5	11	
Edit	759	4.2	Cold stream	133	133	190	-56	-56	1	
Edit	775	1.3	Cold stream	41	41	58	87	87	195	
Edit	776	1.6	Cold stream	51	51	73	33	33	55	
Edit	777	2.2	Cold stream	69	69	99	-21	-21	8	
Edit	790	1.2	Cold stream	36	36	52	22	22	38	
Edit	801	224.5	Cool large river	7054	9573	12596	7048	9567	12590	
Edit	815	1.8	Cold stream	55	55	79	27	27	51	
Edit	1545	1.4	Cool stream	19	48	80	12	41	73	
Edit	2623	2.1	Cool stream	29	72	120	29	72	120	

Internet 100%

The Transaction Table

http://www.miwwat.org/db/index.htm - Windows Internet Explorer

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General Electric Co (GE) - Sto... http://www.miwwat.org/... Michigan's Water Withdrawal...

Home Login Registrations Accounting Transactions











View Transactions

[View All](#)

[View Manual Entry](#)

[View Auto Entry](#)

TRANSACTION TABLE - (Showing all transactions)

	ID	Reg ID	Welllogic ID	Watershed ID	Transaction Date	Amount (GPM)	Transaction Code	Transaction Type	Home/Neighbor	Status	Status Change	Created By	Flag	Notes
Edit	80	497		 12515	4/21/2009 2:57:46 PM	37	Reg	WD	H	Open		Auto		
Edit	81	498		 12515	4/21/2009 3:02:22 PM	35	Reg	WD	H	Open		Auto		
Edit	82			 191	4/21/2009 3:18:31 PM	200	SSRC	DP	H	Closed		Jeremiah Asher		Added water due to stream measurements
Edit	83	499		 27	4/21/2009 3:22:46 PM	441	SSR	WD	H	Closed	4/21/2009 3:28:06 PM	Auto		Closed by: Jeremiah Asher. Transaction logged in using ID: 84
Edit	84	499		 27	4/21/2009 3:28:06 PM	50	SSRC	DP	H	Closed	4/21/2009 3:49:02 PM	Jeremiah Asher		Closed by: Andy LeBaron. Transaction logged in using ID: 87
Edit	85	500		 27	4/21/2009 3:38:12 PM	55	SSR	WD	H	Open		Auto		
Edit	86	501		 12515	4/21/2009 3:42:01 PM	62	Reg	WD	H	Open		Auto		
Edit	87	499	1251712	 27	4/21/2009 3:49:02 PM	0	RegVer	WD	H	Closed		Andy LeBaron		
Edit	88	502		 14970	4/28/2009 12:50:42 PM	55	Reg	WD	H	Open		Auto		
Edit	89	503		 19448	4/30/2009 11:29:50 AM	170	Reg	WD	H	Open		Auto		

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Questions or Comments

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