

Phase 01 - Sprint 03

Workflow	Major Task	Subtasks	Self Selected Assignments	Sprint One	Sprint One Deliverable	End Sprint One Status	Sprint Two	Sprint Two Deliverable	Estimated Schedule Days to Complete	End Sprint Two Status	Sprint 03	Sprint 03 Deliverable	Estimated Schedule Days to Complete	End Sprint 03 Status
A	Project Management	Time Management - Constraints, Workload	ML	x	Confirmation with management that time commitments to this SPRINT will be honored	Mgt meeting (ongoing)	x			ongoing	x-ongoing			
		Managing Expectations	ML	x	On-going checkin with product owner(s) via the SPRINT REVIEWS as to satisfaction with pace of production	RISK Management Plan	x			ongoing	x-ongoing			
		Progress Tracking	ML	x	See SPRINT REVIEWS	Trello, Standup notes (ongoing)	x	Ongoing activities		ongoing	x-ongoing			
		Location on Network - where will Project reside, space allocated	AM/AL/NR	x	Network locations published, as well as any Internet-related locations on Google	Live								
		Communication Plan	ML	x	DRAFT communication plan	in progress	x	Communication Plan		DONE				
		Project Lexicon - incl. Project definitions, lessons learned from rehab	ML	x	Framework for LEXICON compilation and deployment	Live				ongoing	x-ongoing updates			
		Response to External Review	ML		SPRINT REVIEWS and updates to needed SPRINT products for next SPRINT	Done for Sprint ONE					x-ongoing			
B	Deliverable Specifications	Identify what the end user will actually do with the information	AM/AL	x	TM on end user use cases for data to be produced from this project	Carry Forward	x - AL to coordinate, AM, MS	TM on end user use cases for data	0.5	DONE-TM2				
		Identify data - true end users, how far does the data reach, not just managers		x		Carry Forward	x - AL to coordinate, AM, MS	(combined with above)		Partial	x	email: GG will be buffer and deal with Hansen	0.5	
		Determine Detailed Report Items								DONE-TM 3				
		Reporting Templates (Maps, Tables, Charts)	KDR/AM/IG	x	Map Templates	Done				DONE				
		Who will manage standards control in GIS	KDR	x	Map Standards - KDR	Done				DONE				
		Map Template Developed	KDR	x	Map Templates	Done				DONE				
		Size and Shape of Graphics			B, E, Landscape	Done				DONE				

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		Present proof of concept "Results" to responsible end user - Identify Flows	ML/AM		Preliminary road map of overall process chain as part of interim QA with product owner and final documentation	TM1 start?	x- AL coordinate	List of known products- what we plan to give Gary	0.5	DONE- TM2, TM3				
		Identify data distribution methods - e.g. how data goes to Gail	AM/IG		TM on instructions and metadata of data being transmitted to Gail and others					DONE				
		Formulate Reporting Aggregation	IG/AM		TM describing any stored procedures or aggregation queries required for reporting			Use pie charts, product list; no additional TM needed		Partial	x - AM/IG	Producing products, finalize, automate	3	
		Design Alternative Presentation - how do we want to present to client?									x - AM/IG	How we compare alternatives to base and to each other. Per Gary, use client products for this (pie charts, full size map)	5	
		Map Production	KDR	x	Phase 1 Maps	Templates done		Draft Templates		Drafts done	x-KR/Interns	Final Maps	8	
		Feature Class/ Prep										none- Sprint 4 or Ph 2		
C	Driver Specs	Tag Behavior - static, dynamic	AL	x	List from meeting on 4/10 - emailed asap	TM1		Data entry finalized		DONE				
		Develop list of drivers and measures	AL/AM/MS	x	List from meeting on 4/10 (AL)- emailed asap	TM1		TM 1		DONE- TM 1				
		Identify Ranking Metric for drivers - e.g. pipe grades	AM/IG/MS	x	List from meeting on 4/10 - emailed asap	Carry forward	x- separate out Tractive Forces	How does a driver get assigned?	4	DONE				
		Identify consequence of failure for each driver	ML/AL				x- separate out Tractive Forces	Prelim meeting held; Meeting notes				Move to Phase 2		
		I.D. Data requirements to develop driver metrics- e.g. how to calculate pipe grades	AM/GL		TM describing data sources required for developin driver metrics	Sprint 3- Gail and Gary need to help determine this (2 day meeting?)				DONE				
D	Analysis Design	Input to output process development	AM/MS	x	TM describing processes that transform input data to output data	Carry forward	x	TM describing processes that transform input data to output data- No TM. Done in CODE		DONE				
		Calculate Driver Metrics - benchtop production and system-wide	AM/MS/IG				x		8	DONE				

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		User Interface	AM/IG/MS								x- AM/IG	User front end for SQL server stuff- most work is done; do need some way to generate the pie charts	4	
		Determine Code Platform	AM		E-mail describing all code platforms involved	done- Csharp plus SQL on visual studio on 2010								
		Coding Process					x- AM	Have a product from list provided by Gary. Testing will be done as same time of coding. Define test first, then code against it. Tractive Force- coding is done, QA is needed.	8	Partial	x- AM	Code review and testing		
		Design Archiving Mechanism	AM/IG/MS/NR		TM/wiki docs indicating how archiving mechanism will work							<i>Move to Phase 2 (this is a lot of work and is not necessary for the needs assessment)</i>		
		Design Alternative Comparison	AM/IG/MS		TM/wiki docs indicatgin how alternatives will be compared with one another							Same as Alternative Presentation		
		Identify conflicting interests in data consumption	AM		TM describing potential conflicts involved with production data							<i>Move to Phase 2 (there may be other stakeholders not yet identified. For now, GG are sole stakeholders for Ph 1 work/results; Lesson from REHAB)</i>		
		When to batch – levels of automation									x- AM	email: that Gail will determine when she wants model results refreshed.	0.5	
		QA/QC data to support level of Analysis	AL					Lesson from REHAB (checking database results)		DONE				
E	Data Design	Data Inventory	GL	x		Has begun.	x	Tractive Forces- pull from all SWMM model runs; verify all models run correctly (MS has scope)		DONE				
		Identify Non-Controlled Data Sources - spreadsheets, documents, mdb's (Excel, Word , Access)				Done - Accelerated List				DONE				

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		Importing Non-Controlled Sources to Controlled (Source) media	IG/AM		TM describing sources and import routines (one time and automated); import routines checked in; testing routines checked in	Carry forward	x	Take a snapshot now; only allow Accelerated List for sprint two. Talk to Matt.	0.5	DONE				
		External Dependencies				same as above					x	related to 'identify conflicting interest in data consumption'		
		System Data Architecture + Database Schema Design	AM/IG/MS	x	TM describing Database schema (data dictionary + DDL code), Data flow diagrams	Arnel started something which has not been vetted.	x	Vetted structure which houses and reports data and results.	4	Partial Done	x- AM/IG	Potentially more work depending on alternatives	1.5	
		Data Conversion and Compilation	IG/AM		TM describing data conversion routines; conversion code checked in; testing code checked in					DONE				
		Seed Data Acquisition	IG/AM				x	Pull all data we need into one place		DONE				
F	Source Data - Falls within Data Design	Identify additional data sources						included		DONE				
		Last TV Date						included		DONE				
		Structural Score						included		DONE				
		Grease Asset Group						included		DONE				
		Last Clean Date						included		DONE				
		Root Priority						included		DONE				
		Location - in Street, in Canyon						Has no bearing on our results, so ignored.		DONE				
G	QA/QC-Acceptance Testing with Product Owner	QA Driver Metrics with Hansen & BOM Data - e.g. Predicted BSBR vs known BSBRs				Sprint 3						Move to Phase 2 - related to consequences of failure		

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		Test SCIP Model				Sprint 3	Just one model now, to incorporate inspection, cleaning and root management				x-AM/IG			
		Vet SCIP Model				Sprint 3					x-GG	Pore over data and products- compare with Hansen data	5	
		Code Review / Testing	AM				x		2					
		Pull Hansen data to compare with results									x- GG	QA/QC results with Hansen data		
H	Project Documentation (subset of the Communication Plan)	Internal Document Control & Archiving								ongoing	x-ongoing-NR	Ensure all docs on WIKI are correct; <i>final verification and checking will be done in Sprint04</i>	1	
		Project Documentation								ongoing	x-ongoing-NR	ditto	1	
		Code Documentation	NR/all team				x	Pseudo code/commenting/can hand to Mark that says what we're doing	3	ongoing	x -ongoing-NR	Neil will export from code; AM review	1	
		Metadata	AM				x	Once database schema is locked down, this should be done	3	ongoing	x-ongoing-AM/NR	Neil will export from code; AM review; <i>needs finalization on feature classes for Sprint 04</i>	1	
		Data Specifications - Metadata								ongoing	x- ongoing-AM/NR	Neil will export from code; AM review	1	
		Data specfication - Data Extract Mapping of Source to Output Fields						Drafts on server		ongoing	x- ongoing-AM/NR	same task as above	1	
		GeoSpatial Data Information - Data specs, MetaData	KR/NR				x	Results/ mxd	3	ongoing	x- ongoing-KR/NR		1	