Results Chains (now – Dec 31st)

**Sept 30th** - Map LIO recovery approaches (NTAs) to prototype results chains
  - What is a results chain?
  - What are prototype results chains?
  - What does it mean to “map” LIO NTAs to prototypes?

**Dec 31st** - 2016 NTAs and associated theories of change (aka results chains)
  - Opportunities to revise prototypes
  - Implications for funding
What is a results chain?

**Results chain** = Logic model showing how strategy or activity is expected to contribute to achieving results

- **"theory of change"** including
  - Results that are expected
  - “If ... then” relationships
  - Assumptions that can be tested

- Performance measures (objectives and indicators)
Example results chain

Objective: By 2020, available funding for dike setbacks is increased by XX% over 2005 levels

Measure: Indicator length of dikes set back

Indicator: Measure: $$ available for dike setbacks

FW levees & dikes have reduced impact

Barriers to flows less impactful

Increase resources for dike & levee modifications

Develop plan
Implement plan

funding for setbacks is secured

dikes are set back
What is a **prototype** results chain?

- Prototypes are from 2012 Action Agenda work
  - “Target View” results chains focused on Vital Signs
  - LIO prototypes based on Sub-strategy results chains

- PSP is compiling prototypes associated with LIO NTAs for each LIO
LIOs “map” NTAs to prototypes (Sept 30th)

**Step 1:** Place LIO NTA next to related results or ecosystem box

*If NTA does not relate to prototype chain, see Step 2*
LIOs “map” NTAs to prototypes (Sept 30th)

Step 2: Identify the following where NTAs do not align with prototypes (use text boxes and describe in Sept 30th narrative)

1. Prototypes chains would need to be revised to represent LIO recovery approach as defined by NTA
2. NTA is a better fit under another sub-strategy
3. NTA does not address LIO priority pressures and/or Vital Signs
4. LIO priority pressures and/or Vital Signs are not addressed by any NTAs
5. Likely areas of future (i.e. 2016) NTA development
LIOs “map” NTAs to prototypes (Sept 30th)

**Step 3:** Revise Source – Stressor – Ecosystem boxes and links to represent intended results of implementing LIO NTA

- Include appropriate pressure-reduction and ecosystem (Vital Sign) boxes
- Delete boxes and/or links that are not relevant to LIO and specific NTAs
- Make sure source-stressor-ecosystem links are consistent with your overall diagram of these elements for the LIO
Example: Before revising prototype for LIO

Steps 1 & 2: Place NTAs

Step 3: Revise Source-Stressor-Ecosystem boxes
- Revise NTAs if needed
Example: LIO approach to reducing impacts from Stormwater

Better fit with C2.5 rather than C1.4

Could also be a good fit with A2.3

Better fit with C3.1

Better fit with A6.1

LIO will finish linking Source-Stressor to Ecosystem components (Vital Signs)
NTAs under “B” Sub-strategies for Snohomish-Stillaguamish

B5.3 Prevent, rapidly respond to invasives’ introduction & spread
- 5 Obs

B1.2 Local plans, regs, policies protect nearshore & estuaries
- 2 Obs

B5.3 SNHS IT 2014-2016 Riparian corridor invaded control.

Will need to revise slightly
NTAs under “A” Sub-strategies for Snohomish-Stillaguamish

NTAs under A1.3 fit under 2016 Strategic Initiatives

NTAs under A2.1 could be moved to A5.4

NTAs under A7.3 do not fall under 2016 Strategic Initiatives for 2016 Action Agenda

Will need to revise slightly
Documenting LIO Priority Pressures

Describe for each LIO

Source → Stressor → Ecosystem

Conceptual Model = Logic model showing current context in LIO

- For July deliverable: LIO priority pressures could include Sources, Stressors, or both

- For September deliverable: LIO should include all Sources, Stressors, their relationships, and their relationship to Ecosystem components (aka. at least 4-6 Vital Signs)
Snohomish-Stillaguamish PRESSURES

1. Priority Sources already identified & linked to possible Stressors
2. Customize links to Stressors (remove or add arrows) – note if arrows are added
3. Link Stressors to Ecosystem Components
4. Show same relationships in prototype results chains
Revise for LIO based on previous step developed in links
2016 NTAs & theories of change (Dec 31st)

- Proposed 2016 NTAs mapped to prototype results chains
  - Related pressures (source & stressors) and Vital Signs
  - Performance measures (objectives & indicators)
  - Owners, cost, etc

- Proposed 2016 NTAs mapped to revised results chains
  - Not eligible for adoption into 2016 Action Agenda (June 2016)
  - Will be eligible through amendment after revised chains are reviewed and approved (process TBD)

- LIO revisions will be used to develop regional results chains and implementation strategies