



State of Utah

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**MEMORANDUM**

TO: Water Quality Board Members

THROUGH: Walter L. Baker, P.E.

FROM: Carl Adams, Watershed Protection Section

DATE: September 14, 2015

SUBJECT: 303(d) Vision Update

Utah's 303 (d) Vision is a tailored strategy to implement the Division's CWA 303(d) Program responsibilities in the context of Utah's water quality goals and priorities. The Vision includes several elements that the Division is already putting into action including **engagement** with stakeholders and the public, **integration** of water quality improvement and protection efforts with other local, state, and federal agencies, and **assessing** the extent of healthy and impaired waters through site-specific assessments. Other key elements of the vision include:

Prioritization – Review, prioritize, and report priority impaired waters for restoration and protection;

Protection – Identify protection priorities and approaches to prevent impairments in healthy waters;

Alternatives – Incorporate adaptive management principles where such approaches are better suited to implement actions that achieve water quality goals.

This update will include a summary of feedback received from the stakeholder survey the Division conducted in April, a review of priority impaired waters for TMDL development (included below), the criteria used in prioritizing them, and impaired identified for alternative restoration approaches.

<b>WATERBODY NAME</b>	<b>IMPAIRMENT</b>	<b>RATIONALE FOR PRIORITY DESIGNATION</b>
Ninemile Creek	Temperature	TMDL in Progress
Huntington Creek-1	Selenium	TMDL in Progress
Fremont River-3	E. coli	Drinking water source, Recreational use
North Fork Virgin River-2	E. coli	Drinking water source, Recreational use
North Fork Virgin River-1	E. coli	Drinking water source, Recreational use
Silver Creek	Total Dissolved Solids	CERCLA
Jordan River-8	Arsenic	Drinking water source
Provo River-3	Dissolved Oxygen	Cyanobacteria
Provo River-4	E. coli	Drinking water source, Recreational use
Provo River-6	Aluminum, Zinc	Drinking water source, Recreational use
Snake Creek-1	Arsenic	Drinking water source
Jordan River-1	E. coli, Dissolved Oxygen	TMDL in Progress
Jordan River-2	E. coli, Dissolved Oxygen	TMDL in Progress
Jordan River-3	E. coli, Dissolved Oxygen	TMDL in Progress
Jordan River-4	E. coli	Recreational use
Jordan River-5	E. coli	Recreational use
City Creek-2	Cadmium	High Quality Category 1 Water
Mill Creek3-SLCity	E. coli	Trib to Jordan River E. coli impairment
Big Cottonwood Creek-1	E. coli	Trib to Jordan River E. coli impairment
Little Cottonwood Creek-1	E. coli, Total Dissolved Solids	Trib to Jordan River E. coli impairment
Butterfield Creek	E. coli	Trib to Jordan River E. coli impairment
Parleys Canyon Creek-1	E. coli	Trib to Jordan River E. coli impairment
Mill Creek1-SLCity	E. coli	Trib to Jordan River E. coli impairment
Rose Creek	E. coli	Trib to Jordan River E. coli impairment
Emigration Creek Lower	E. coli	Trib to Jordan River E. coli impairment
Starvation Reservoir	Dissolved Oxygen	Cyanobacteria dominance (HAB)
Lower Bowns Reservoir	Dissolved Oxygen, Phosphorus	High Quality Category 1 Water
Utah Lake	Phosphorus	Cyanobacteria dominance (HAB)
Red Creek Reservoir	Phosphorus	TMDL in Progress