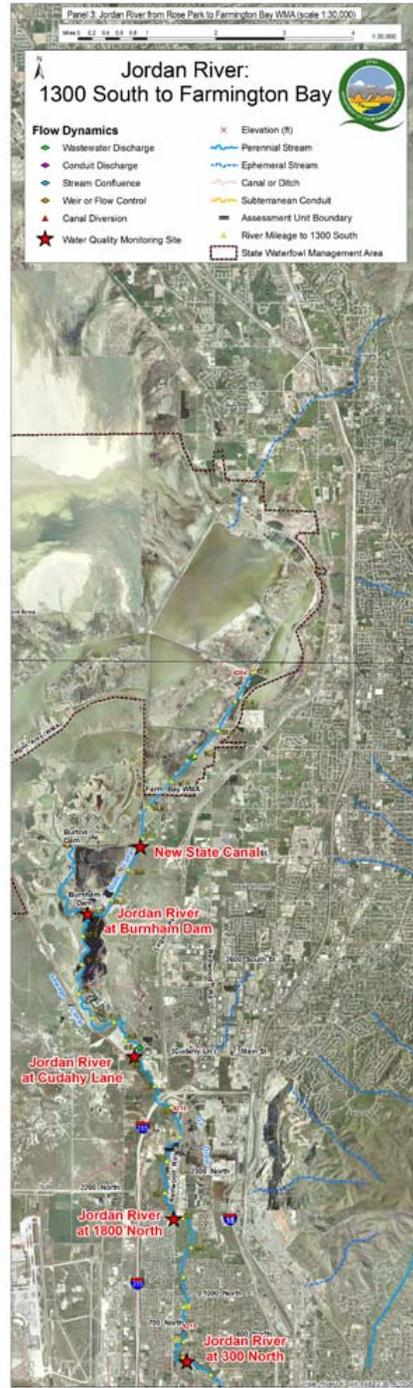


Red Butte Locations

- 3 control site locations
- 2 sites below in stream
- Both storm drains before entering the Jordan

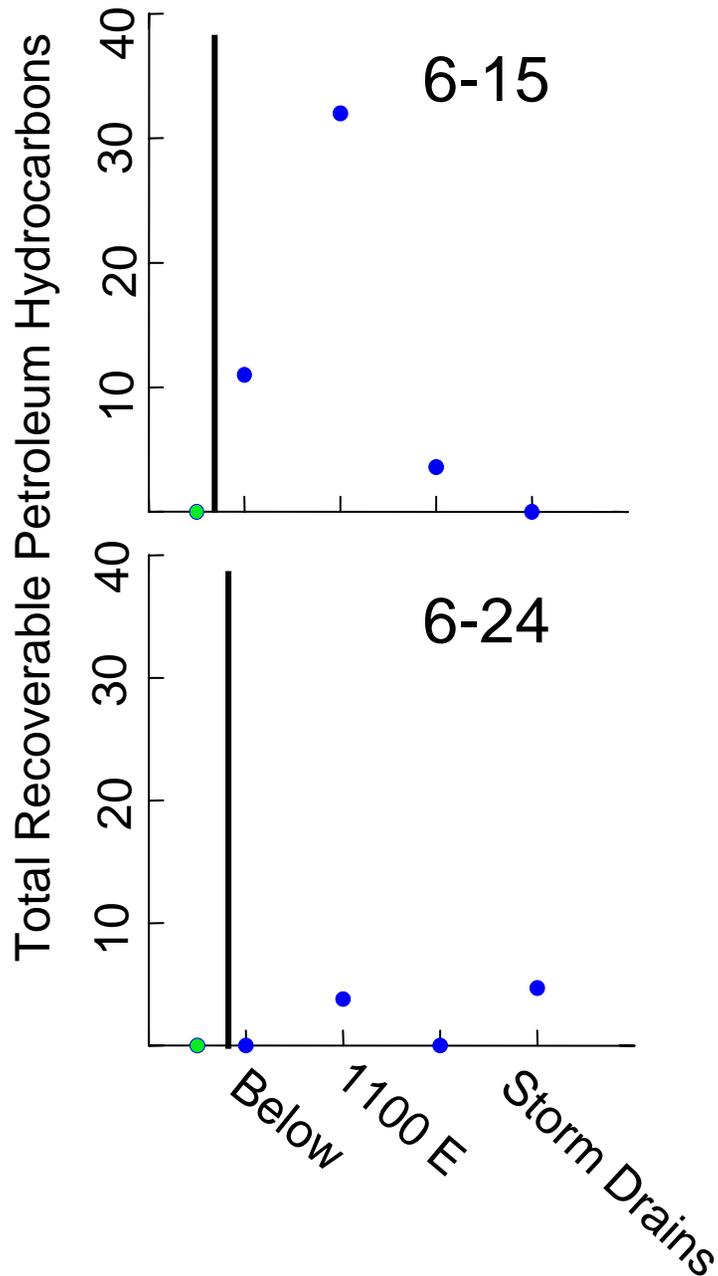


Jordan River Locations

General Points About Oil and Water Chemistry

- Water samples measure the amount of product diffused in the water column, not the total amount of oil in the ecosystem.
- The diffused product is the potentially toxic portion of oil for fish and other aquatic life.
- When measuring potential impacts to aquatic life, it is critical to measure the cumulative effects of potentially toxic substances (toxic effects ratios)
- Data are currently available beginning on 6/15 and ending on 6/24 (other samples are being processed).

Total Petroleum Products



- Steady declines have been observed in the quantity of oil related products since the spill.
- At Red Butte Creek the highest concentrations of oil products diffused in the water column have been at 1100 East.
- Oil has rarely been detected at any of the Jordan River locations since the spill, and never at high concentrations (maximum TRPH = 3.6).

Toxic Effects Ratios

- Toxic Effects Ratios greater than one indicate concentrations of cumulative pollutants that are toxic to aquatic life.
- Toxic effects have been declining since the spill took place.
- Both acute and toxic effects were observed the 1100 E. location until the most recent sampling event.
- Neither acute or chronic effects have been observed in the Jordan River.

