

2017 River Quest LEARNING STATIONS – Locations & Alignment w/State Learning Standards

DECC

<i>Station Location</i>	<i>Standards: MN</i>	<i>Next Generation [WI]</i>
<i>Bacteria: The Real Workers at WLSSD</i> Western Lake Superior Sanitary District	D1 Nature of Science & Engineering	6.1.2.1.1 MS-ETS1-1 Engineering Design
<i>What's the difference between Storm & Sanitary Sewers?</i> City of Duluth – Utility Operations (M/T)	D2 Practice of Engineering	6.1.2.1.2 MS-ESS3-3 Earth & Human Activity
<i>Stream Table</i> (W/Th) USDA Forest Service – Superior National Forest	D2 Human Interactions w/Living Systems	7.4.4.1.2 MS-ESS2-4 Earth Systems
<i>Water Power (Hydroelectric)</i> (M/T) MN Power/Boulder Lake Environmental Learning Center	D3 Energy	6.2.3.2.1 MS-ETS1-4 Engineering Design
<i>Great Lakes Cargo Capital</i> (W/Th) Duluth Seaway Port Authority	D3 Practice of Engineering	6.1.2.1.1 MS-ETS1-1 Engineering Design
<i>Industrial Water: Reduce, Reuse, Recycle!</i> (M/T) sappi	D4 Physical Science	6.2.1.2.1 MS-ESS3-3, 3-4 Earth & Human Activity
<i>Sustainable Forestry</i> (W/Th) Verso Corporation	D4 Life Science	7.4.4.1.2 MS-ESS3-3, 3-4 Earth & Human Activity
<i>Maritime Oil Spill Response</i> US Coast Guard & USCG Auxiliary	D5 Human Interactions w/Living Systems	7.4.4.1.2 MS-ETS1-2 Engineering Design
<i>Break the Grip of the Rip!</i> Twin Ports Rip Currents	D6 Motion	6.2.2.2.1 MS-ESS2-5 Earth Systems

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VISTA STAR

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<i>Cold Hand Luke (Hypothermia & Water Safety)</i> US Army Corps of Engineers		V1	6.2.3.2.3 Energy	MS-ETS1-2 Engineering Design
<i>Pollution & the River Watershed</i> US Environmental Protection Agency		V2	7.4.4.1.2 Human Interactions w/Living Systems	MS-ESS2-4 Earth & Human Activities
<i>Fishy Physics</i> Great Lakes Aquarium	(M/T)	V3	6.2.2.2.2 Physical Science	MS-ESS2-4 Earth Systems
<i>Bringing back the Piping Plover</i> St. Louis River Alliance	(W/Th)	V3	7.4.2.1.2 Life Science	MS-ESS3-3 Earth & Human Activity
<i>It floats, you don't. Wear your life jacket.</i> Duluth Sail & Power Squadron		V4	6.2.2.2.2 Physical Science	MS-ETS1-3 Engineering Design
<i>Get Habitattitude!</i> Minnesota Sea Grant Program		V5	6.1.1.1.1 Citizenship & Government Civic Skills	MS-ESS3-3, ETS1-1 Engineering Design
<i>Observation Station (Top Deck)</i> River Quest Volunteers		V6	6.1.2.1 Practice of Engineering	MS-ETS-1 Engineering Design