

## List of Columbia River Basin Toxics Reduction Actions Relevant for Toxics Monitoring from the EPA 2010 Columbia River Toxics Reduction Action Plan, Table 1

### **Initiative #3:**

*Conduct monitoring to identify sources and then reduce toxics*

#### **Current Resources**

38. Identify the contaminants of concern to focus on in the Basin
39. Use the prioritization tool in one area of the River to assist in developing a monitoring plan and modify the tool based on the results of the pilot project
40. Assist other partners throughout Basin on using the prioritization tool to develop monitoring plans
41. Continue to seek and leverage resources to supplement existing monitoring by agencies, organizations, and Tribes in the Basin

#### **Additional Resources Needed**

42. Expand monitoring to the highest priority areas in the Basin as identified by the prioritization tool
43. Support watershed-based targeted monitoring efforts that link directly to reduction efforts, such as TMDLs, source assessments and Pesticide Stewardship Partnerships
44. Support localized monitoring efforts that will provide baseline data where habitat restoration is planned and/or ongoing; and targeted monitoring on species of concern, either ESA listed or for commercial or subsistence use
45. Assess sources of contamination and loadings for priority tracking and control
46. Establish toxic reduction efforts which include status and trends effectiveness monitoring
47. Identify opportunities to integrate water, land, air, sediment and biota monitoring
48. Develop public friendly reports to share monitoring information with the public

### **Initiative #4:**

*Develop a regional, multi-agency research and monitoring program*

#### **Current Resources**

49. Identify and inventory in a database existing toxics research being conducted in the Basin
50. Using this research, convene scientists to assist in developing a Regional research plan for the Basin
51. Establish connections with researchers from other large aquatic ecosystems to better understand their research and its application to the Basin

#### **Additional Resources Needed**

52. Conduct research based on priorities identified in research plan
53. Develop indicators of ecosystem health
54. Develop new standards and criteria to protect fish, wildlife, and humans from toxics
55. Visit other regional centers to learn more about research programs
56. Conduct "Control Studies" to evaluate effectiveness of Best Management Practices, toxics reduction efforts, and emerging reduction strategies.

### **Initiative #5:**

*Develop a data management system that will allow us to share information on toxics in the Basin*

#### **Current Resources**

57. Convene a group to discuss different options for managing toxics data in the Region
58. Evaluate how other large aquatic ecosystems manage data

#### **Additional Resources Needed**

59. Create a data stewardship program, hosted and managed by a single entity
60. Survey all relevant existing data management systems in the Region
61. Verify that all data has a spatial component (latitude, longitude). Include a spatial component to the data available in order to view and create maps, and conduct spatial analysis