

**U.S. FISH & WILDLIFE SERVICE
 LOWER COLUMBIA RIVER FISH HEALTH CENTER
 201 Oklahoma Road
 Willard, WA 98605
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FISH HEALTH REPORT 2014

FISH SOURCE		FISH EXAMINED	
Location: Columbia River (Bonneville Dam) County: Skamania Contact Person: Tammy Mackey Affiliation: USACE Phone: (503) 961-5733		Species: Pacific lamprey Age: Adults CHN: W14-098 Number of fish: 27 Date Sampled: 5/31/2014 – 8/04/2014	
DISEASE AGENT ¹	SAMPLE SIZE	RESULTS	COMMENTS
IPNV	-	not tested	EPC and CHSE-214 cells
IHNV	-	not tested	EPC and CHSE-214 cells
VHS	-	not tested	EPC and CHSE-214 cells
SVCV	-	not tested	EPC and FHM cells
AS	27	positive	+11/27 fish detected by BHIA medium, confirmed by API
YR	27	not detected	BHIA medium
BCD	27	not detected	TYES medium
CD	27	not detected	TYES medium
RS	-	not tested	ELISA
WD	-	not tested	Pepsin/Typsin Digest
CS	-	not tested	PCR
Comments	Half of the fish observed were in fair/ poor condition. These fish had a lot of opportunistic bacterial growth on media plates. It's possible that there may have been a few more fish with <i>Aeromonas salmonicida</i> (Furunculosis) that I could not isolate. The <i>Aeromonas salmonicida</i> bacterium may have been out competed by these opportunistic bacteria.		

¹ **IPNV** Infectious Pancreatic Necrosis Virus, **IHNV** Infectious Hematopoietic Necrosis Virus, **VHS** Viral HemorrhagicSepticemia Virus, **SVCV** Spring Viremia of Carp Virus, **AS** Furunculosis (*Aeromonas salmonicida*), **YR** Enteric Redmouth (*Yersinia ruckeri*), **BCD** Coldwater Disease (*Flavobacterium psychrophilum*), **CD** Columnaris (*Flavobacterium columnare*), **RS** BKD (*Renibacterium salmoninarum*), **WD** Whirling Disease (*Myxobolus cerebralis*), **CS** Salmonid Ceratomyxosis (*Ceratomyxa shasta*).