

Washington State Department of Health - Office of Radiation Protection

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Fish and Shellfish Testing - Technical Laboratory Results

Sample Description			Sample Location		Collection Date	Substance	Result	2 sigma Uncertainty	Minimum Detectable Activity	Units
Group	Matrix	Type	Area	Site						
FISH	ALBACORE	BONE	PACIFIC BEACHES	OREGON COAST	1/1/2009	Sr-90	0.0006	0.0029	0.005	pCi/g
FISH	ALBACORE	BONE	PACIFIC BEACHES	OREGON COAST	1/1/2009	Sr-90	0.0002	0.002	0.0033	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Ag-110m	0.03	0.018	0.065	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Cs-134	0.0037	0.0036	0.005	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Cs-137	0.0045	0.0017		pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Sn-113	-0.7	4.1	6.7	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Sr-90	0	0.0019	0.0036	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Ag-110m	0.003	0.046	0.076	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Cs-134	-0.0182	0.0057	0.0069	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Cs-137	0.01	0.003		pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Sn-113	-2	3.6	5.9	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	OREGON COAST	1/1/2009	Sr-90	0.0005	0.0018	0.0029	pCi/g
FISH	ALBACORE	BONE	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Sr-90	0	0.0016	0.0032	pCi/g
FISH	ALBACORE	BONE	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Sr-90	0.0016	0.0016	0.0025	pCi/g

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FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Ag-110m	0.0009	0.0011	0.0019	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Ag-110m	-0.00035	0.00048	0.0011	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Cs-134	0.00072	0.00072	0.0014	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Cs-134	0.00581	0.00078		pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Cs-137	0.0095	0.0012		pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Cs-137	0.0156	0.0014		pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Sn-113	-0.0003	0.001	0.0017	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Sn-113	-0.00044	0.00094	0.0015	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Sr-90	-0.0003	0.0014	0.0025	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/5/2012	Sr-90	-0.0005	0.0018	0.003	pCi/g
FISH	ALBACORE	FINS & SKIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-134	-0.0022	0.0017	0.0025	pCi/g
FISH	ALBACORE	FINS & SKIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-137	0.0034	0.0017	0.0027	pCi/g
FISH	ALBACORE	FINS & SKIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Sr-90	-0.0003	0.0019	0.003	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-134	0.0027	0.00061	0.0012	pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-137	0.0076	0.0011		pCi/g
FISH	ALBACORE	LOIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Sr-90	0.00003	0.00027	0.00044	pCi/g
FISH	HALIBUT	CARCASS	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-137	0.0026	0.0017	0.0027	pCi/g

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FISH	HALIBUT	FINS & SKIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-134	-0.001	0.0014	0.0025	pCi/g
FISH	HALIBUT	FINS & SKIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Sr-90	0.0002	0.0007	0.001	pCi/g
FISH	HALIBUT	MEAT	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-134	0.00063	0.00077	0.0013	pCi/g
FISH	HALIBUT	MEAT	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-137	0.0025	0.00086		pCi/g
FISH	HALIBUT	MEAT	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Sr-90	-0.00009	0.00031	0.00046	pCi/g
FISH	SALMON	CARCASS	SNAKE R.	SNAKE UPRVR CON	4/19/2012	Sr-90	0.0001	0.0029	0.0045	pCi/g
FISH	SALMON	MEAT	SNAKE R.	SNAKE UPRVR CON	4/19/2012	Cs-137	0.0002	0.0046	0.0076	pCi/g
FISH	SALMON	CARCASS	SNAKE R.	SNAKE UPRVR CON	4/17/2013	Sr-90	0.0004	0.0013	0.0021	pCi/g
FISH	SALMON	MEAT	SNAKE R.	SNAKE UPRVR CON	4/17/2013	Cs-137	0.0045	0.0077	0.014	pCi/g
FISH	SALMON	FINS & SKIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-134	-0.0012	0.0014	0.0023	pCi/g
FISH	SALMON	FINS & SKIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-137	0.0014	0.0012	0.0019	pCi/g
FISH	SALMON	FINS & SKIN	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Sr-90	0.0002	0.004	0.0059	pCi/g
FISH	SALMON	MEAT	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-134	-0.0032	0.0012	0.0019	pCi/g
FISH	SALMON	MEAT	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Cs-137	0.0038	0.0016		pCi/g
FISH	SALMON	MEAT	PACIFIC BEACHES	WASHINGTON COAST	8/22/2013	Sr-90	0.00001	0.00021	0.00034	pCi/g
FISH	STEELHEAD	MEAT	COLUMBIA RIVER	RINGOLD 1 OF LYONS FERRY HATCH	10/10/2011	Cs-137	-0.002	0.005	0.0083	pCi/g
FISH	STEELHEAD	MEAT	SNAKE R.		10/10/2011	Cs-137	0.0033	0.0041	0.007	pCi/g

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FISH	STEELHEAD	CARCASS	HANFORD	RINGOLD HATCH	10/18/2011	Sr-90	0.0006	0.0032	0.0045	pCi/g
FISH	STEELHEAD	MEAT	HANFORD	RINGOLD HATCH	10/18/2011	Co-60	0.0013	0.0058	0.0099	pCi/g
FISH	STEELHEAD	MEAT	HANFORD	RINGOLD HATCH	10/18/2011	Cs-137	0.0043	0.0062	0.011	pCi/g
FISH	STEELHEAD	MEAT	SNAKE R.	LYONS FERRY HATCH	11/1/2012	Cs-137	0.0051	0.0046	0.0079	pCi/g
FISH	STEELHEAD	BONE	SNAKE R.	LYONS FERRY HATCH	10/24/2013	Cs-134	0.0021	0.0024	0.0045	pCi/g
FISH	STEELHEAD	BONE	SNAKE R.	LYONS FERRY HATCH	10/24/2013	Cs-137	0.0053	0.0024		pCi/g
FISH	STEELHEAD	BONE	SNAKE R.	LYONS FERRY HATCH	10/24/2013	Sr-90	0.001	0.0022	0.0029	pCi/g
FISH	STEELHEAD	FINS & SKIN	SNAKE R.	LYONS FERRY HATCH	10/24/2013	Cs-134	-0.0048	0.0014	0.0022	pCi/g
FISH	STEELHEAD	FINS & SKIN	SNAKE R.	LYONS FERRY HATCH	10/24/2013	Cs-137	0.00551	0.00027		pCi/g
FISH	STEELHEAD	FINS & SKIN	SNAKE R.	LYONS FERRY HATCH	10/24/2013	Sr-90	0.00032	0.00063	0.00098	pCi/g
FISH	STEELHEAD	MEAT	SNAKE R.	LYONS FERRY HATCH	10/24/2013	Cs-134	-0.0019	0.0009	0.0014	pCi/g
FISH	STEELHEAD	MEAT	SNAKE R.	LYONS FERRY HATCH	10/24/2013	Cs-137	0.0076	0.0014		pCi/g
FISH	STEELHEAD	MEAT	SNAKE R.	LYONS FERRY HATCH	10/24/2013	Sr-90	0.00004	0.00045	0.00068	pCi/g
SHELLFISH	CLAMS	MEAT	PACIFIC BEACHES	WASHINGTON COAST	9/2/2013	Cs-137	0.00009	0.00067	0.0011	pCi/g
SHELLFISH	CLAMS	MEAT	PACIFIC BEACHES	WASHINGTON COAST	9/2/2013	Sr-90	0.0008	0.002	0.0027	pCi/g
SHELLFISH	CLAMS	SHELLS	PACIFIC BEACHES	WASHINGTON COAST	9/2/2013	Cs-137	0.001	0.0072	0.012	pCi/g
SHELLFISH	MUSSELS	MEAT	PACIFIC BEACHES	WASHINGTON COAST	9/10/2013	Cs-137	0.00351	0.00098		pCi/g

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SHELLFISH	MUSSELS	MEAT	PACIFIC BEACHES	WASHINGTON COAST	9/10/2013	Sr-90	0.0006	0.002	0.0028	pCi/g
SHELLFISH	MUSSELS	SHELLS	PACIFIC BEACHES	WASHINGTON COAST	9/10/2013	Cs-137	0.0019	0.0038	0.0066	pCi/g
SHELLFISH	RAZOR CLAMS	MEAT	PACIFIC BEACHES	MOCROCKS AREA CP	3/14/2012	Cs-134	-0.0031	0.0079	0.013	pCi/g
SHELLFISH	RAZOR CLAMS	MEAT	PACIFIC BEACHES	COPALIS AREA XL	3/14/2012	Cs-134	-0.0094	0.0074	0.012	pCi/g
SHELLFISH	RAZOR CLAMS	MEAT	PACIFIC BEACHES	MOCROCKS AREA CP	3/14/2012	Cs-137	-0.0038	0.009	0.015	pCi/g
SHELLFISH	RAZOR CLAMS	MEAT	PACIFIC BEACHES	COPALIS AREA XL	3/14/2012	Cs-137	0.002	0.0076	0.013	pCi/g
FISH	SALMON	MEAT	COWLITZ	COWLITZ HATCHERY	7/1/2014	Cs-137	0.005	0.011	0.015	pCi/g
FISH	SALMON	MEAT	COWLITZ	COWLITZ HATCHERY	7/1/2014	K-40	3.35	0.3		pCi/g
FISH	SALMON	MEAT	SNAKE R.	LYONS FERRY HATCH	8/25/2014	Cs-134	-0.0018	0.0039	0.0065	pCi/g
FISH	SALMON	MEAT	SNAKE R.	LYONS FERRY HATCH	8/25/2014	Cs-137	0.0066	0.004		pCi/g
FISH	SALMON	MEAT	SNAKE R.	LYONS FERRY HATCH	8/25/2014	K-40	4.03	0.18		pCi/g