

宮城県・福島県・茨城県沖における海域モニタリング結果(Sr)(海底土)
Readings of Sea Area Monitoring at offshore of Miyagi, Fukushima and Ibaraki Prefecture (Sr)(marine soil)

((公財)海洋生物環境研究所が採取した試料を(独)日本原子力研究開発機構が分析
(The samples were collected by Marine Ecology Research Institute (MERI)
and analyzed by Japan Atomic Energy Agency (JAEA))

試料採取日:平成24年8月2日～11日
(Sampling Date: Aug 2-11, 2012)

平成24年11月16日
Nov 16, 2012

海底土の放射能濃度

文部科学省

Radioactivity concentration in marine soil

Ministry of Education, Culture, Sports, Science and Technology (MEXT)

測定試料 採取点※1 Sampling Point※1	採取日 Sampling Date	採取位置 Sampling Location		採取深度 Sampling Depth (m)	海底土の 分類※2 Sediment Classification※2	放射能濃度(Bq / kg・乾土) Radioactivity Concentration(Bq / kg・dry soil) (ND※3:不検出)(ND※3: Not Detectable)				
		北緯 North Latitude	東経 East Longitude			Cs-134	Cs-137	Sr-90	Sr-90/Cs-137	その他検出された核種 Other detected nuclides
【M-A1】(IBA1)	2012/7/31	38° 30.1'	141° 50.8'	215	S w/ M	3.8	6.7			
【M-A3】(IBA3)	2012/7/31	38° 30.1'	142° 05.0'	499	S w/ M	17	29			
【M-MI4】	2012/7/31	38° 14.9'	141° 45.0'	157	S w/ M	15	24			
【M-B1】(IBB1)	2012/8/1	38° 05.0'	141° 15.4'	44	C w/ G	9.8	16			
【M-B3】(IBB3)	2012/8/2	38° 05.0'	141° 29.3'	121	M	140	220	<u>0.20</u>	<u>0.00091</u>	
【M-2】(IB2)	2012/8/3	38° 00.0'	142° 00.1'	373	S w/ M	4.0	7.1			
【M-C1】(IBC1)	2012/8/3	37° 44.9'	141° 15.4'	56	C w/ G	7.0	11			
【M-C3】(IBC3)	2012/8/6	37° 45.0'	141° 29.4'	137	S w/ M	34	55			
【M-D1】(IBD1)	2012/8/3	37° 35.0'	141° 22.3'	126	M w/ S	110	170	<u>0.16</u>	<u>0.00094</u>	Ag-110m: 0.55
【M-D3】(IBD3)	2012/8/4	37° 34.8'	141° 36.7'	233	S w/ M	28	45			
【M-E1】(IBE1)	2012/8/6	37° 24.9'	141° 22.3'	137	M	150	240	<u>0.25</u>	<u>0.0010</u>	Ag-110m: 1.5
【M-E3】(IBE3)	2012/8/5	37° 24.9'	141° 36.2'	237	S w/ M	18	27			
【M-E5】(IBE5)	2012/8/4	37° 30.0'	141° 59.9'	543	S w/ M	4.7	8.0			
【M-F1】(IBF1)	2012/8/5	37° 15.0'	141° 22.4'	147	M w/ S	51	79	ND		
【M-F3】(IBF3)	2012/8/5	37° 14.9'	141° 36.6'	246	S w/ M	27	44			
【M-G0】(IBG0)	2012/8/8	37° 04.9'	141° 08.4'	110	M	120	190			Sb-125: 2.3
【M-G1】(IBG1)	2012/8/8	37° 04.9'	141° 15.3'	144	M w/ S	50	79			
【M-G3】(IBG3)	2012/8/5	37° 04.9'	141° 29.3'	216	S w/ M	40	63			
【M-G4】(IBG4)	2012/8/9	37° 00.0'	141° 44.8'	673	M w/ S	21	34			
【M-H1】(IBH1)	2012/8/10	36° 55.0'	141° 08.4'	137	M w/ S	56	90			
【M-H3】(IBH3)	2012/8/10	36° 55.0'	141° 22.5'	243	S w/ M	35	55			
【M-IO】(IBIO)	2012/8/11	36° 45.0'	140° 52.9'	72	M	160	240			Sb-125: 4.1
【M-I1】(IBI1)	2012/8/11	36° 45.0'	140° 56.9'	98	M	150	240	<u>0.27</u>	<u>0.0011</u>	Ag-110m: 0.56
【M-I3】(IBI3)	2012/8/10	36° 44.9'	141° 11.0'	193	S w/ M	14	23			
【M-J1】(IBJ1)	2012/8/13	36° 25.0'	140° 44.1'	56	C w/ G	29	46			
【M-J3】(IBJ3)	2012/8/12	36° 24.8'	141° 03.8'	577	M	19	32			
【M-IB2】	2012/8/11	36° 24.9'	140° 50.9'	120	S w/ M	21	32			
【M-K1】(IBK1)	2012/8/13	36° 03.8'	140° 43.1'	29	S	11	17			
【M-IB4】	2012/8/13	36° 04.8'	140° 52.0'	123	M w/ S	43	60			Sb-125: 1.5
【M-L1】(IBL1)	2012/8/15	35° 44.9'	140° 57.0'	43	G	3.1	4.9			
【M-L3】(IBL3)	2012/8/15	35° 44.9'	141° 11.0'	168	S w/ M	13	21			
【M-24】(IB24)	2012/8/15	35° 29.8'	141° 00.1'	116	C w/ G	0.36	1.7			

※1 【 】内の番号は、図の測点番号に対応。

※1 The character enclosed in parentheses indicates Sampling point in figure.

※2 G : 礫 Granule

C w/ G : 礫混じり粗砂 Coarse sand with Granule

S : 中細砂 Medium / fine sand

S w/ M : 泥混じり中細砂 Medium /fine sand with mud

M w/ S : 中細砂混じり泥 Mud with medium /fine sand

M : 泥 Mud

※3 NDの記載は、海底土の放射能濃度の検出値が検出下限値を下回る場合。

【M-F1】(旧F1): Sr-90 0.089 Bq/kg・乾土

※3 ND indicate the case that the detected radioactivity concentration in marine soil was lower than the detection limits.

【M-F1】(old F1): Sr-90 0.089 Bq/kg・dry soil

*文部科学省の委託事業により、(公財)海洋生物環境研究所が採取した試料を(独)日本原子力研究開発機構が分析。

*The samples were collected by Marine Ecology Research Institute (MERI) and analyzed by Japan Atomic Energy Agency (JAEA) on the project commissioned by Ministry of Education, Culture, Sports, Science and Technology (MEXT).

*太字下線データが今回追加分。それ以外は、平成24年10月17日に公表済み。

*Boldface and underlined readings are new. Others were published on Oct 17, 2012.

(参考)

・平成20-22年度「海洋環境放射能総合評価事業」の核燃料サイクル施設沖合海域(青森県・岩手県沖合海域)の海底土の環境放射能調査の結果
Sr-90: ND~0.51Bq/kg・乾土(検出下限値は0.2Bq/kg・乾土)

(Reference)

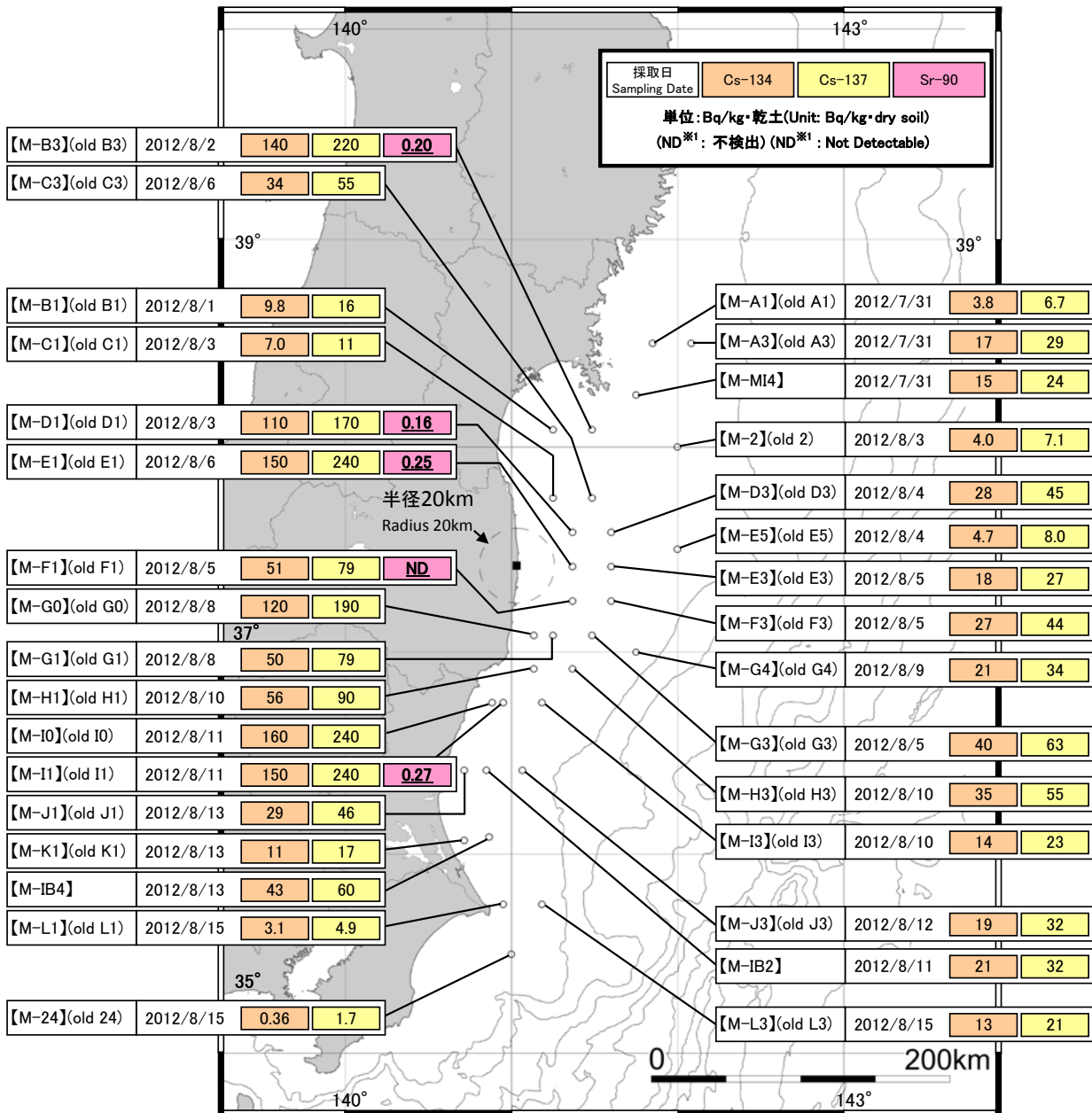
・The results of the environmental radioactivity measurement in the marine soil in the sea area of Nuclear Fuel Cycle Facility at offshore of Aomori and Iwate Prefecture shown in the report "Oceanic Environmental Radioactivity Synthesis Evaluation Business " FY 2008-2010.
Sr-90: ND~0.51Bq/kg・dry soil(The minimum limit of detection is 0.2Bq/kg・dry soil)

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[M-F1](old F1): Sr-90 0.089 Bq/kg・dry soil

*図中の■は東京電力(株)福島第一原子力発電所を示す。

*The legend ■ indicates the location of TEPCO Fukushima Dai-ichi NPP.

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