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Date: September 04, 2003
Refer to: ER2003-0566

Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303

SUBJECT: STATUS OF MORTANDAD CANYON SEDIMENT INVESTIGATIONS

Dear Mr. Young:

Enclosed is a report entitled "Status of Mortandad Canyon Sediment Investigations" (LA-UR-03-5997) which briefly summarizes sediment investigations conducted to date under the "Work Plan for Mortandad Canyon" (LA-UR-97-3291). Also, enclosed is an electronic file on CD that includes analytical data from all sediment samples collected by the Risk Reduction and Environmental Stewardship - Remediation Services Project in Mortandad Canyon and its tributaries, and maps showing sample locations. A more complete presentation and assessment of data will occur in a future Mortandad Canyon Investigation Report, which will also include data on surface water and groundwater. This submission of data and maps fulfills a request you made in a letter dated December 12, 2002, and the report satisfies a request you made later.

This report and the accompanying electronic file contain data regarding radioactive materials, the management of which is regulated under the Atomic Energy Act and specifically excluded from regulation under the Resource Conservation and Recovery Act and the New Mexico Hazardous Waste Act. These data are provided to the New Mexico Environment Department for information purposes only.

Please contact Steven Reneau at (505) 665-3151 if you have any questions.

Sincerely,

David McInroy, Deputy Project Director
Remediation Services
Los Alamos National Laboratory

Sincerely,

for

David Gregory, Project Manager
Department of Energy
Los Alamos Site Operations

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Enclosures: Status of Mortandad Canyon Sediment Investigations (LA-UR-03-5997)
CD with Electronic Data (To Mr. John Young)
GISLab Map M200739, M200747, M200741, M200737, M200760 (To Mr. John Young)

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STATUS OF MORTANDAD CANYON SEDIMENT INVESTIGATIONS

Steven Reneau, Randy Ryti, Paul Drakos, and Terre Mercier

August 26, 2003

Los Alamos National Laboratory Report LA-UR-03-5997

INTRODUCTION

Investigations of potentially contaminated sediment deposits in Mortandad Canyon and its tributary canyons by the Los Alamos National Laboratory (LANL) Environmental Restoration (ER) Project (now the Risk Reduction and Environmental Stewardship-Remediation Services Project) Canyons team have been in progress since 1998. This work has been conducted following the "Work Plan for Mortandad Canyon" (the "work plan") (LANL 1997, 56835; LANL 1999, 62777), which was approved by the New Mexico Environment Department (NMED) in December 2002 (NMED 2002, 73830). Included in this work plan are investigations of potential contamination in sediment, surface water, and groundwater in Mortandad Canyon proper, as well as in Effluent Canyon, Ten Site Canyon, and an unnamed tributary canyon that heads in Technical Area (TA) 5 (hereafter referred to collectively as the "Mortandad Canyon reaches"). A short tributary to Ten Site Canyon, "Pratt Canyon", has been investigated separately as part of characterization activities at TA-35. This report summarizes analytical results from all sediment samples collected by the Canyons team to date in implementation of the work plan, as well as results from relevant sediment samples from the Mortandad Canyon reaches and from Pratt Canyon that were collected by other ER Project investigations in TA-5, TA-35, and TA-50. An accompanying electronic data file includes all analytical results from these samples.

This report and the electronic file contain data regarding radioactive materials, the management of which is regulated by the Department of Energy under the Atomic Energy Act. The radioactive materials are specifically excluded from regulation under the Resource Conservation Recovery Act and the Hazardous Waste Act. These data are provided to the NMED for informational purposes only.

FIELD INVESTIGATIONS

Field investigations that include detailed geomorphic mapping, associated geomorphic characterization, and sediment sampling have been conducted in all reaches specified in the work

plan except reach M-7. In some of these reaches, two rounds of sampling have been conducted. Table 1 presents a summary of sediment sampling in Mortandad Canyon and tributary canyons, including the years in which samples were collected in each reach or subreach, and the number of samples collected for each analytical suite. The term "subreach" is used for subdivisions of or additions to the reaches discussed in the work plan; these subdivisions were made to facilitate more detailed evaluation of possible contributions from different potential release sites (PRSs) in the watershed. Table 1 includes samples collected by the Canyons team and also as part of other ER Project investigations. Sample locations are shown on the geomorphic maps listed in Table 2. Table 2 also includes a watershed map that shows the locations of all reaches.

Reach M-7 has not been investigated because it is a contingency reach only planned for investigation if results from upstream reaches indicated transport of contaminated sediments at least as far as reach M-6 or down Cañada del Buey into lower Mortandad Canyon (LANL 1997, 56835, p. 7-26). Results from reach CDB-4 in Cañada del Buey, immediately upstream from the LANL boundary (Drakos et al. 2000, 68739), and from reach M-6 (discussed below), do not indicate the presence of analytes at levels above background, and therefore no investigation is planned for reach M-7.

As part of the geomorphic characterization, field gross gamma radiation data were obtained from walkover surveys and from fixed-point measurements in a series of vertical profiles in selected reaches. Gamma radiation was targeted because cesium-137 (Cs-137) is a primary contaminant released from the TA-50 Radioactive Liquid Waste Treatment Facility (RLWTF) outfall and is a high-energy gamma emitter that is easily detected with field instruments. In addition, Cs-137 is expected to be collocated with other particle-bound contaminants released from the RLWTF. Walkover surveys were conducted in the entirety of reaches M-3 and M-4, and in parts of M-5 and TS-3, in 1999 and 2000. Other areas were not surveyed with this method either because concentrations of Cs-137 are too low to make screening data useful, or because the reaches are too brushy and/or rocky to allow efficient application of walkover surveys (e.g., E-1 and M-2). Characterization in reaches E-1, M-2, M-3, and M-4 included fixed-point measurements because Cs-137 concentrations in these reaches are high enough to make this a useful field technique. Some fixed-point beta-gamma radiation measurements were also made in reach TS-2 because these data had proved useful upstream in Pratt Canyon, but Sr-90 levels in TS-2 were found to be too low to make field radiation surveys useful there.

Table 1
Summary of ER Project Sediment Sampling In Mortandad Canyon

Reach or Subreach	Reach Length (km)*	Source	Year of Sediment Sampling	Number of Samples Collected															
				Gamma Spec	H-3	Iso Pu	Iso Th	Iso U	Am-241	Sr-90	Metals	CN	Anions	Perchlorate	HE	PCBs	Pest	SVOCs	VOCs
E-1 East	0.30	Canyons	1998, 2001	40	15	40	10	15	5	40	40	5	10	10		15	15	15	10
		Other	1993	42	42	42		42		21	42					16		40	24
E-1 West		Canyons	1998, 2001	11	11	11	6	11	5	11	11	5	6	6		11	11	11	
M-1 East	0.26	Canyons	1998	6	6	6		6	6	6	6	6				6	6	5	
M-1 West		Canyons	1998	6	6	6		6	6	6	6	6				6	6	6	
M-2 East	1.01	Canyons	2001	42	10	42	10	10		42	42		10	10		10	10	10	7
M-2 West		Canyons	1998, 2001	63	20	63	10	20	10	63	63	10	10	10		20	20	20	9
		Other	1993	12	12	12		12		8	12					2		12	12
M-3	0.90	Canyons	1999, 2001	82	15	82	10	15		82	82		10	10		15	15	15	10
M-4	0.66	Canyons	1999, 2001	81	15	81	10	15		81	81			10		15	15	15	10
		Other	1995	1	1	21		21			21							21	21
M-5	0.56	Canyons	2000, 2001	13	14	13	14	13	7	14	13	7				13	13	13	
M-6	0.20	Canyons	2002	10		10		10		10	10	10						10	
MCW-1	0.24	Canyons	2002			8	8	8			8	8			8			8	
MCW-2 East	0.50	Canyons	2002			7	7	7			7	7			7			7	
MCW-2 North		Canyons	2002			9	9	9			9	9			9			9	
MCW-2 West		Canyons	2002			9	9	9			9	9			9			9	

Table 1 (continued)

Reach or Subreach	Reach Length (km)*	Source	Year of Sediment Sampling	Number of Samples Collected															
				Gamma Spec	H-3	Iso Pu	Iso Th	Iso U	Am-241	Sr-90	Metals	CN	Anions	Perchlorate	HE	PCBs	Pest	SVOCs	VOCs
Pratt Canyon	0.18	Other	1994, 1997, 1998	12	12	33		33	9	11	14	9	2			12	10	12	
TS-1 Central	0.59	Canyons	1999	4	4	4		4		4	4					4	4	4	
		Other	1993	59	59	59		59	1		59					1		59	59
TS-1 East		Canyons	1999	4	4	4		4		4	4					4	4	4	
TS-1 West		Other	1993	66	66	66		66	40		66					34		66	66
TS-2 Central	0.51	Canyons	1999	4	4	4		4		4	4					4	4	4	
		Other	1995			1		1											
TS-2 East		Canyons	1999	4	4	4		4		4	4					4	4	4	
		Other	1995			6		6											
TS-2 West		Canyons	1999	4	4	4		4		4	4					4	4	4	
TS-3	0.30	Canyons	2001	10	10	10	10	10		10	10					10	10	10	

Note: Blank cells indicate no sample results for that analyte suite in that reach.

* Length refers to area mapped and characterized, and may include multiple subreaches.

Table 2
Mortandad Canyon Geomorphic Maps

Reach	GISLab Map #
Watershed map, showing locations of all reaches	m200739
M-1, E-1	m200747
M-2, TS-1, TS-2, Pratt Cyn	m200741
M-3, M-4, TS-3, MCW-1	m200737
M-5, M-6, MCW-2	m200760

MODIFICATIONS TO WORK PLAN

During implementation of this work, several modifications have been made to the analytical suites and the investigation approach presented in the work plan. These modifications were in part discussed with NMED during preparatory stages for individual sampling events, and have in part been incorporated into subsequent work plans submitted to the NMED for other canyons as the Canyons investigation approach has evolved. Although not specified in the work plan, analytical data have been obtained in select reaches for high explosives (HE), isotopic thorium, perchlorate and other anions, and volatile organic compounds (VOCs) because these were judged to be potential data gaps based on process knowledge and/or previous data. In 1998 a reach "M-1 West" was added and investigated upstream of reach M-1 as shown in the work plan. M-1 West is located at the head of the canyon just east of Diamond Drive, and was investigated to better determine contaminant levels that would be associated with releases from TA-3. In 2001, a reach "M-2 East" was investigated downstream of reach M-2 as shown in the work plan. M-2 East is located downstream of the easternmost PRS at TA-35, and was investigated to better determine if TA-35 PRSs have had a measurable impact on sediments in Mortandad Canyon. Investigation of M-2 East was partially in support of planned ER Project work at TA-35 under the "Sampling and Analysis Plan for the Middle Mortandad/Ten Site Aggregate" (LANL 2002, 73092). Other objectives of the M-2 East investigation were to obtain additional data on contaminants released from TA-50, and to reduce the length of the non-sampled area between Effluent Canyon and reach M-3. An additional modification is that several reaches are shorter than the estimated minimum reach length of 0.5 km presented in the work plan (E-1, M-1, M-6, MCW-1, TS-3). Most of these reaches are shorter than 0.5 km because contaminants were expected to be present at low levels or to be absent (M-1, M-6, MCW-1, TS-3), and it was judged that shorter reaches would be adequate to obtain sufficient characterization data in the first phase of sampling. The exception, E-1, includes the entirety of the canyon between the TA-50 RLWTF outfall and Mortandad Canyon (0.2 km), and a short part of the upstream canyon with lower contaminant levels.

NATURE AND SOURCES OF CONTAMINANTS

Inorganic, organic, and radionuclide analytes have been identified as chemicals of potential concern (COPCs) in the Mortandad Canyon reaches based on detected or non-detected analytical results that exceed sediment background values (BVs) for inorganic chemicals, or based on detected results for radionuclides and organic chemicals. The sediment BVs are presented in Ryti et al. (1998, 59730) and McDonald et al. (2003, 76084). Tables 3 through 5 present maximum concentrations in each reach for all COPCs in Mortandad Canyon sediment samples. Maximum concentrations are shown for the purpose of identifying COPCs and indicating general spatial trends in concentrations. For purposes of assessing risk, more representative concentrations can be used.

Table 3 presents the maximum values for either detected or non-detected inorganic analytes, and Tables 4 and 5 present maximum detected sample results for organic and radionuclide analytes, respectively. Highlighted values in these tables are concentrations or detection limits greater than BVs for inorganic and radionuclide analytes that have BVs, or detected values for analytes without BVs. These highlighted values indicate analytes that are considered a COPC in that reach. Separate columns are included for sample locations that have been removed either in an interim action (LANL 1997, 55834) or during maintenance of the sediment traps (WGII 2000, 70735). No HE analytes are shown in these tables because none were detected. Several organic analytes were eliminated as COPCs because they were not detected or were detected in less than 5% of the sample results in a sub-watershed; elimination of organic analytes that were detected less than 5% of the time follows the screening processes developed for Los Alamos and Pueblo Canyons in discussions with the NMED (Katzman 2002, 73667), and is also consistent with risk assessment guidance from the Environmental Protection Agency (EPA 1989, 08021) and NMED (NMED 2000, 70107). As used in this assessment, sub-watersheds consist of (1) upper reaches of Mortandad Canyon (M-1 through M-4) and Effluent Canyon (E-1); (2) lower Mortandad Canyon (M-5 and M-6); (3) Ten Site Canyon (TS-1 through TS-3) and Pratt Canyon; and (4) the unnamed tributary canyon that heads in TA-5 (MCW-1 and MCW-2). Some analytes (e.g., antimony) are identified as COPCs based on detection limits exceeding BVs in some samples. Other analytes retained as COPCs (e.g., Th-230) have only a single sample result reported to be greater than the BV.

Table 3
Maximum Values for Inorganic COPCs in Mortandad Canyon Sediment Samples

Analyte Name	Background Value	M-1 West	M-1 East	E-1 West	E-1 East	M-2 West	M-2 East	M-3	M-4	M-4 (Removed)	M-5	M-6	MCW-1
Aluminum	15400	7800	26000	19000	11000	8200	5100	10300	9910	8620	6300	12420	13880
Antimony	0.83	[11]		[0.56]	0.69	[13]	0.51	0.8	[1.9]	[0.64]	0.69		
Arsenic	3.98	4.4	8.4	11	6.1	4.3	2.8	4	4.6	3.8	3	2.7	3.22
Barium	127	89	270	350	160	130	85	115	146	104	110	125	125
Beryllium	1.31	[0.93]	1.4	2.4	1	0.95	0.74	1	1.1	[1.2]	0.94	1.05	0.949
Boron	4.1	[46]	[40]	[60]	[39]	[35]							
Bromide	n/a			8.31	12.4	3.83	1.12	0.944					
Cadmium	0.4	[0.93]	[0.79]	[1.2]	2.2	0.8	0.074	0.25	0.19	[0.05]	0.14	[0.51]	[0.582]
Calcium	4420	2500	3600	5800	51000	22000	12000	5460	5180	3000	2700	2800	2490
Chloride	17.1			185	45.2	39.2	52.7	35.8					
Chromium	10.5	8.2	18	50	140	22	14	17.5	11.1	11.9	5.4	8.14	8.96
Cobalt	4.73	3.9	7.7	12	6	4.5	3.8	3.9	5.1	4.4	4.1	3.77	3.99
Copper	11.2	6	14	20	120	47	35	29	37.2	16.9	6.9	8.22	7.26
Cyanide (Total)	0.82	[0.93]	[0.79]	[1.2]	[0.78]	[0.7]					[0.53]	0.239	0.436
Fluoride	n/a			1.93	3.9	70.6	13.3	3.62					
Iron	13800	12000	21000	25000	13000	14000	10000	13900	14500	14700	11000	11690	12090
Lead	19.7	23	30	30	70	58	17	19.7	22.6	18.7	16	18.8	21.4
Lithium	n/a												
Magnesium	2370	1200	3400	2700	2200	1400	1100	1860	1870	1490	1300	2030	1990

Table 3 (continued)

Analyte Name	Background Value	M-1 West	M-1 East	E-1 West	E-1 East	M-2 West	M-2 East	M-3	M-4	M-4 (Removed)	M-5	M-6	MCW-1
Manganese	543	470	1300	2500	1700	530	390	429	470	481	430	385	378
Mercury	0.1	[0.19]	[0.16]	[0.24]	2.7	0.69	1.1	0.43	0.32	0.1	0.024	0.0126	0.0227
Nickel	9.38	5.3	11	11	48	8.7	6.9	7.4	8.3	6.9	5.7	6.54	6.89
Oxalate	n/a			46.5	25.8	19.3	15.8	12.8					
Perchlorate	n/a			[0.656]	[3.2]	0.959	[0.162]	0.162	[0.627]				
Selenium	0.3	[1.9]	[1.6]	[2.4]	[1.6]	[1.4]	0.59	0.73	0.78	0.81	0.56	[0.603]	[0.582]
Silicon	n/a												
Silver	1	[3.7]	[3.2]	[4.8]	8	[2.8]	2.7	0.34	7	0.29	[0.063]	0.0848	0.0929
Sodium	1470	140	190	450	1300	1700	410	599	193	114	85	134	759
Strontium	n/a												
Sulfate	58.2			232	204	181	99.9	96.2					
Thallium	0.73	[0.46]	[0.4]	[0.6]	1.6	0.8	[0.31]	0.72	[0.51]	[0.52]	[0.39]	0.201	0.23
Vanadium	19.7	16	37	30	16	16	12	15.2	16.5	31.1	14	16	18.2
Zinc	60.2	80	77	110	78	100	59	88.8	71.1	60.3	44	48.5	34.9

Table 3 (continued)

Analyte Name	Category	Background Value	MCW-2 North	MCW-2 West	MCW-2 East	TS-1 West	TS-1 West (Removed)	TS-1 Central	TS-1 East	Pratt Canyon	TS-2 West	TS-2 Central	TS-2 East	TS-3
Aluminum	All Results	15400	9470	10760	13300			10500	7320	5860	7270	7810	6960	7200
Antimony	All Results	0.83				[11.2]	[1.2]	[11.2]	0.54	[4.5]	0.73	0.68	0.67	0.4
Arsenic	All Results	3.98	2.49	3.64	3.28	4.7	3.9	3.9	3	[3.7]	3.2	3.5	3.3	3.2
Barium	All Results	127	80.9	93.7	113	160	230	132	94.5	80.5	86.8	90.2	103	120
Beryllium	All Results	1.31	0.696	0.667	0.821	2.8	2.7	1.2	0.72	0.86	0.79	0.9	0.76	0.92
Boron	All Results	4.1								[2.4]				
Bromide	All Results	n/a								[0.33]				
Cadmium	All Results	0.4	[0.532]	[0.5]	[0.53]	[1.2]	1.1	1.7	[0.02]	2.1	[0.01]	[0.02]	0.22	0.14
Calcium	All Results	4420	2290	3440	3820			2380	1850	1760	1680	1930	3070	2500
Chloride	All Results	17.1								8.5				
Chromium	All Results	10.5	6.34	7.24	8.59	10	20	9.3	6.8	6.8	6.3	7.4	9.8	9.1
Cobalt	All Results	4.73	2.74	3.09	3.39			5.9	4	3	3.6	4	5.5	4.5
Copper	All Results	11.2	9.03	11.5	8.92			12.9	119	13.2	7.5	15.4	27.2	19
Cyanide (Total)	All Results	0.82	0.359	1.37	[0.319]					[0.7]				
Fluoride	All Results	n/a								6.6				
Iron	All Results	13800	8900	10670	11370			28800	11900	8740	12500	13800	13900	13000
Lead	All Results	19.7	12.3	14.6	18	23.6	44	39.1	16.6	16.1	13	15.8	17	20
Lithium	All Results	n/a								4.3				
Magnesium	All Results	2370	1350	1680	2010			1760	1280	1140	1300	1370	1410	1400

Table 3 (continued)

Analyte Name	Category	Background Value	MCW-2 North	MCW-2 West	MCW-2 East	TS-1 West	TS-1 West (Removed)	TS-1 Central	TS-1 East	Pratt Canyon	TS-2 West	TS-2 Central	TS-2 East	TS-3
Manganese	All Results	543	342	417	375			414	322	344	396	377	373	570
Mercury	All Results	0.1	0.0207	0.044	0.0412	0.1	2	[0.1]	0.05	1.6	0.06	0.07	0.37	0.19
Nickel	All Results	9.38	4.09	4.6	5.65	9.9	3	58.9	5.4	11.5	5.8	6.1	7.5	8.1
Oxalate	All Results	n/a												
Perchlorate	All Results	n/a												
Selenium	All Results	0.3	[0.55]	[0.55]	[0.52]	[0.6]	[0.2]	[3]	1.6	[7.1]	0.77	1.1	0.75	0.62
Silicon	All Results	n/a								57.1				
Silver	All Results	1	0.09	[0.2]	0.097	3.5	33	[1.4]	[0.03]	[0.8]	[0.04]	1.3	6	4.4
Sodium	All Results	1470	95.5	97.6	119			157	93.1	[395]	121	101	372	100
Strontium	All Results	n/a								7.9				
Sulfate	All Results	58.2								24.2				
Thallium	All Results	0.73	0.159	0.219	0.128	[1.2]	2.3	[1]	[0.27]	[25.2]	[0.54]	[0.24]	[0.24]	[0.22]
Vanadium	All Results	19.7	11.5	14.2	16.3			25.9	15.2	11.9	14.9	15.7	21	17
Zinc	All Results	60.2	37	56.4	43.5			94	58.3	54.9	46.4	61	65.8	63

Notes: 1. Blackened cells indicate maximum result is above BV in that reach.
2. Blank cells indicate no sample results for that analyte in that reach.
3. [ ] indicate a non-detected sample result.
4. n/a = background value is not available.
5. Units are mg/kg.

Table 4
Maximum Values for Organic COPCs in Mortandad Canyon Sediment Samples

Analyte Name	M-1 West	M-1 East	E-1 West	E-1 East	M-2 West	M-2 East	M-3	M-4	M-4 (Removed)	M-5	M-6	MCW-1
Acenaphthene	ND	ND	ND	ND	ND	0.088	ND	0.29	ND	1.8	ND	ND
Acetone				0.1	0.034	0.085	0.046	0.069	0.016			
Aroclor-1260	0.053	ND	0.18	0.1	0.21	0.054	0.39	0.12	0.07	ND		
Aroclors (Mixed)				0.053	ND							
Benzo(a)anthracene	ND	ND	ND	ND	0.12	0.22	ND	0.58	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	0.11	0.16	ND	0.59	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	0.1	0.12	0.11	ND	0.6	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	0.13	0.069	ND	0.2	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	0.16	0.4	0.091	ND	0.41	ND	ND	0.207	0.191
Chlorophenol[2-]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	0.16	0.21	ND	0.59	ND	ND	ND	ND
DDT[4,4'-]	ND	ND	0.0096	0.078	0.035	0.013	0.028	0.015	ND	ND		
Dichloroethene[cis-1,2-]				ND	ND			0.002	0.003			
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	0.17	0.21	0.26	0.59	0.15	1.5	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	0.089	ND	0.24	ND	ND	ND	ND
Isopropyltoluene[4-]				0.044	0.032	ND	0.026	ND	ND			
Phenanthrene	ND	ND	ND	0.12	0.23	0.56	0.11	1.5	ND	ND	ND	ND

Table 4 (continued)

Analyte Name	M-1 West	M-1 East	E-1 West	E-1 East	M-2 West	M-2 East	M-3	M-4	M-4 (Removed)	M-5	M-6	MCW-1
Pyrene	ND	ND	ND	ND	0.26	0.55	ND	1.4	0.42	ND	ND	ND
Tetrachloroethene				ND	ND	ND	ND	0.005	0.008			
Toluene				0.043	0.011	0.087	0.023	0.016	0.027			
Trichlorofluoromethane				0.019	0.022	0.0027	ND	0.0037	ND			
Trimethylbenzene[1,2,4-]				0.026	ND	ND	0.068	0.003	0.004			
Xylene[1,2-]								0.002	0.001			
Xylene[1,3-]								0.005	0.004			

Table 4 (continued)

Analyte Name	MCW-2 North	MCW-2 West	MCW-2 East	TS-1 West	TS-1 West (Removed)	TS-1 Central	TS-1 East	Pratt Canyon	TS-2 West	TS-2 Central	TS-2 East	TS-3
Acenaphthene	0.0108	ND	ND	ND	ND	0.51	ND	6.4	ND	ND	ND	ND
Acetone				0.056	ND	0.041						
Aroclor-1260				1.52	ND	0.63	0.13	0.6	0.058	0.086	0.11	0.076
Aroclors (Mixed)				1.52	6	ND		ND				
Benzo(a)anthracene	ND	ND	ND	0.91	ND	1.1	0.44	8.2	ND	ND	ND	0.059
Benzo(a)pyrene	ND	ND	ND	1.1	ND	1.2	0.85	7.3	ND	ND	ND	0.084
Benzo(b)fluoranthene	ND	ND	ND	1.5	ND	1.1	1.6	7.3	ND	ND	ND	0.09
Benzo(k)fluoranthene	ND	ND	ND	0.64	ND	1.13	0.25	3.1	ND	ND	ND	0.079
Bis(2-ethylhexyl)phthalate	0.17	0.0445	ND	1.1	0.56	ND	ND	ND	ND	ND	ND	0.094
Chlorophenol[2-]	0.024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	1.1	ND	1.4	0.91	7.6	ND	ND	ND	0.087
DDT[4,4'-]						ND	ND	ND	ND	ND	ND	0.0095
Dichloroethene[cis-1,2-]				ND	ND	ND						
Di-n-butylphthalate	0.0406	ND	ND	2.6	ND	3	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	1.9	ND	2.4	1.7	24	0.46	0.36	ND	0.35
Fluorene	0.0195	ND	ND	ND	ND	0.47	ND	4.8	ND	ND	ND	ND
Isopropyltoluene[4-]				0.035	ND	ND						
Phenanthrene	ND	ND	ND	1	ND	3.1	0.81	30	ND	ND	ND	ND
Pyrene	ND	ND	ND	2	ND	2.4	2.2	22	0.5	0.66	ND	0.38

Table 4 (continued)

Analyte Name	MCW-2 North	MCW-2 West	MCW-2 East	TS-1 West	TS-1 West (Removed)	TS-1 Central	TS-1 East	Pratt Canyon	TS-2 West	TS-2 Central	TS-2 East	TS-3
Tetrachloroethene				ND	ND	ND						
Toluene				0.022	ND	ND						
Trichlorofluoromethane				ND	ND	ND						
Trimethylbenzene[1,2,4-]				ND	ND	ND						
Xylene[1,2-]												
Xylene[1,3-]												

Notes: 1. Blackened cells indicate detected results in that reach.
2. Blank cells indicate no sample results for that analyte in that reach.
3. ND = analyte is not detected.
4. Units are mg/kg.

Table 5
Maximum Values for Radionuclide COPCs In Mortandad Canyon Sediment Samples

Analyte Name	Background Value	M-1 West	M-1 East	E-1 West	E-1 East	M-2 West	M-2 East	M-3	M-4	M-4 (Removed)	M-5	M-6	MCW-1
Americium-241[a]	0.04	ND	ND	0.157	642	524	211	223	112	20.7	ND	ND	
Cesium-134	n/a	ND	ND	ND	0.196	0.24	0.114	ND	ND	ND	ND	ND	
Cesium-137	0.9	ND	0.64	2.14	2530	870	557	298	276	43.5	0.93	0.409	
Cobalt-60	n/a	ND	ND	ND	5.22	2.45	0.5	1.47	0.445	ND	ND	ND	
Plutonium-238	0.006	0.04	0.048	0.417	88.7	203	113	40.9	32.2	8.41	ND	ND	ND
Plutonium-239	0.068	ND	0.042	30.1	1360	596	157	123	64.5	25.6	0.095	ND	ND
Sodium-22	n/a	ND	ND	ND	0.49	0.151	ND	ND	ND	ND	ND	ND	
Strontium-90	1.04	ND	ND	ND	273	35.9	20	8.6	9.64	3.5	0.4	0.304	
Thorium-230	2.29			1.15	0.93	1.2	1.34	1.22	1.24		1.46		2.44
Tritium	0.093	0.13	ND	ND	105	7.15	0.518	0.321	0.278	ND	0.055		
Uranium-234	2.59	0.649	1.306	2.41	16.04	14.7	1.57	1.83	1.6	1.43	1.52	1.25	2.13
Uranium-235[b]	0.2	0.041	0.118	0.112	0.683	0.8	0.18	0.242	0.103	0.14	0.174	0.103	0.105
Uranium-238	2.29	0.678	1.44	2.65	7.125	10.7	1.81	1.64	1.52	1.44	1.62	1.21	2.04

Table 5 (continued)

Analyte Name	Background Value	MCW-2 North	MCW-2 West	MCW-2 East	TS-1 West	TS-1 West (Removed)	TS-1 Central	TS-1 East	Pratt Canyon	TS-2 West	TS-2 Central	TS-2 East	TS-3
Americium-241[a]	0.04				1.82	170.9	2.3	ND	0.412	ND	ND	ND	ND
Cesium-134	n/a				ND	ND	ND	ND	ND	ND	ND	ND	ND
Cesium-137	0.9				3.59	72.83	3.19	0.65	25	0.48	0.45	0.87	1.22
Cobalt-60	n/a				1.30	0.91	ND	ND	0.368	ND	ND	ND	ND
Plutonium-238	0.006	0.0229	ND	ND	67.8	5190	16.8	3.63	0.02	1.52	2.209	1.351	1.55
Plutonium-239	0.068	0.026	0.038	0.0445	19.5	453	13.8	1.033	1.73	0.596	0.894	0.703	0.77
Sodium-22	n/a				ND	ND	ND	ND	ND	ND	ND	ND	ND
Strontium-90	1.04						ND	ND	118	6.7	2.54	8.3	3.1
Thorium-230	2.29	1.28	1.84	1.5									1.43
Tritium	0.093				1.50	19.1	0.303	ND	0.211	0.143	0.134	0.088	0.297
Uranium-234	2.59	1.16	1.28	1.21	2.735	5.295	2.469	1.262	2.1816	1.136	1.132	2.25	1.84
Uranium-235[b]	0.2	0.108	0.0743	0.078	ND	ND	0.255	0.071	0.102	0.087	0.075	0.1	0.098
Uranium-238	2.29	1.1	1.33	1.33	3.049	2.67	3.006	1.333	1.899	1.193	1.121	2.37	1.75

Notes: 1. Blackened cells indicate maximum result is above BV in that reach.
2. Blank cells indicate no sample results for that analyte in that reach.
3. ND = analyte is not detected.
4. n/a = background value is not available.
5. Units are pCi/g.

[a] Maximum from either alpha or gamma spectroscopy

[b] Maximum from alpha spectroscopy

Inorganic COPCs apparently have a variety of sources in the watershed, including the upstream parts of Mortandad Canyon (TA-3 and TA-48), Effluent Canyon upstream and downstream of the TA-50 RLWTF outfall, the upper part of Ten Site Canyon (TA-35 and/or TA-50), and Pratt Canyon. Table 3 shows that maximum concentrations for different inorganic COPCs are found in a variety of reaches, supporting the interpretation that there are a variety of sources.

Organic COPCs also apparently have a variety of sources in the watershed. Maximum results for polychlorinated biphenyls (PCBs) and polycyclic aromatic hydrocarbons (PAHs) occur in Ten Site Canyon and Pratt Canyon (Table 4), indicating sources at TA-35 and/or TA-50. Among the organic chemicals detected in more than 5% of the sample results and retained as COPCs were acetone, toluene, and bis(2-ethylhexyl)phthalate, which are all considered to be common analytical laboratory contaminants by the EPA. These organic chemicals could therefore be due to field or analytical laboratory contamination and may not primarily represent releases from LANL PRSs.

The most important source for radionuclide COPCs in the Mortandad Canyon watershed is the TA-50 RLWTF outfall (located in Effluent Canyon), and maximum concentrations for most radionuclide COPCs occur in reach E-1 East or downstream in reach M-2 (Table 5). Secondary sources include discharges from TA-35 into Pratt Canyon and from TA-50 into the head of Ten Site Canyon.

EXTENT OF CONTAMINANTS

In each reach, the potential lateral extent of contaminants distributed by floods is the extent of the "c" (post-1942 channel) and "f" (post-1942 floodplain) units on the geomorphic maps. The area occupied by these geomorphic units varies from 1 to 90 m in width, being least in parts of steep rocky reaches such as E-1 East and TS-2 East, and greatest in reaches M-3 and M-4. The estimated vertical extent of contaminants contained within post-1942 sediment deposits ranges from less than 5 cm to at least 1.5 m deep, representing the thickness of sediment deposited by floods since initial releases. Contaminants are expected to extend deeper into older sediments in some areas associated with the infiltration of effluent and storm water and with alluvial groundwater flow. However, the extent of subsurface contaminants is less well known than the lateral extent of contaminants that have been dispersed by floods. Collection of additional data to address the subsurface extent of contaminants is planned as part of the Mortandad Canyon groundwater work plan addendum (in preparation).

Available data suggest that the downstream extent of contaminants in Mortandad Canyon that were released from LANL sites and carried by floods may be somewhere between reaches M-4 and M-5, although there is some uncertainty here (as discussed below). From the perspective of potential human health exposure pathways, the most significant contaminant released into the

watershed prior to the first discharges from the TA-50 RLWTF in 1963 is strontium-90 (Sr-90), released from TA-35 into Pratt Canyon. Sr-90 has been detected at levels above the sediment BV (1.04 pCi/g) in M-4 and in upstream reaches, but not in M-5 or M-6. From a human health perspective, the most significant contaminant released from the TA-50 RLWTF that is associated with sediment is Cs-137. In sampling by the Canyons team, Cs-137 has also been detected in multiple samples at levels above the sediment BV (0.9 pCi/g) in M-4 and in upstream reaches, but only slightly higher than the BV in one sample in M-5 (0.93 pCi/g) and in no samples in M-6. In contrast, the Environmental Surveillance Program (ESP) reported Cs-137 above the BV in M-5 in 1997 and 2001 (2.58 and 3.16 pCi/g at station A-6; ESP 1998, 59904, p. 168; ESP 2002, 73806, p. 303), although below the BV in other years. We plan to resample station A-6 to see if these results can be confirmed and to help constrain the downstream extent of contamination.

Additional analytes have been detected at levels above BVs in either M-5 or M-6, but the spatial distributions of most of these do not indicate significant releases from any LANL PRS (e.g., no pattern of decreasing concentrations downstream, as seen for Cs-137, Sr-90, and other contaminants). Exceptions are plutonium-238 (Pu-238) and plutonium-239,240 (Pu-239,240), which are detected at low levels above BVs in M-5 but not in M-6, suggesting that for these analytes the downstream extent of flood-borne contaminants may be between M-5 and M-6. However, understanding the source of plutonium isotopes is complicated by the inference from regional soil data that plutonium may also be dispersed at levels above BVs by local stack emissions and/or by fugitive dust (Fresquez et al. 1998, 76063), and the results in M-5 may or may not record past flood transport.

Only three analytes have been retained as COPCs in reach M-6, and none of these can be clearly traced to LANL sources. These include two inorganic analytes, cadmium and selenium, which are retained only because detection limits for some samples exceed the BV. The third COPC, bis(2-ethylhexyl)phthalate, is considered by the EPA to be a common analytical laboratory contaminant, as discussed above, and the detected value in M-6 is not considered to represent releases from LANL.

TRANSPORT OF CONTAMINANTS

The analytical data have been combined with geomorphic characterization data to develop preliminary contaminant inventories in the different reaches for key radionuclides, and to develop preliminary trends in contaminant concentrations in sediment deposits as a function of time of deposition. This information on contaminant inventories and concentrations is being used to refine the conceptual model of contaminant transport in the Mortandad Canyon watershed.

Figure 1 shows the preliminary estimate of the Cs-137 inventory between the TA-50 RLWTF outfall and reach M-6. Figure 1a shows the inventory by reach, normalized to units of mCi/km, and Figure 1b shows cumulative inventory, in units of mCi, that extrapolates between sampled reaches. Of the 1.5 Ci of Cs-137 estimated to be present in Effluent and Mortandad Canyons, about 50% is within the eastern 0.6 km of reach M-3. This is the area where Mortandad Canyon widens abruptly and floodwaters have historically spread across the valley bottom, causing sediments and associated contaminants to be deposited. This deposition is upstream from the sediment traps, supporting the interpretation that this part of Mortandad Canyon was a natural deposition area before construction of the sediment traps. These data revise the initial conceptual model in the work plan (LANL 1997, 56835; p. 7-21) that reach M-4 may contain the highest inventory of contaminants in the watershed.

The age of specific sediment deposits in reach M-4 with the highest concentrations of key radionuclides can be estimated based on their relation to sediment traps constructed in this reach, and to trees that have been dated by dendrochronology (tree-ring dating). The first sediment traps were excavated in 1976 and had filled in by 1983 (LANL 1997, 56835; p. 2-8). Unique isotope ratio signatures in these deposits, reflecting the variable release history of different radionuclides from the TA-50 RLWTF, have been used to estimate ages of sampled sediment deposits in upstream reaches (isotope ratios in the effluent at any point in time varied with both the nature of contemporary research at LANL and on the treatment process at the RLWTF). For example, sediment with the lowest ratios of Pu-239,240 to Pu-238 (0.4-0.7) and americium-241 (Am-241) to Pu-238 (0.3-0.5) are present in the lower layers of the early sediment traps and in slightly older sediment deposited just downstream before the traps were created. These sediment deposits also have the highest concentrations of Cs-137 and Pu-238 in reach M-4, indicating that the highest levels of these radionuclides occurred in sediment deposited ca. 1976. Effluent records from the RLWTF show that the peak releases of Pu-238 were in 1974-1975 (LANL 1997, 56835; p. 2-20, 2-21), in turn indicating that within a few years floods had transported these constituents downstream to reach M-4. The peak release of Cs-137 is less well constrained by discharge records, but the correspondence of Cs-137 and Pu-238 peaks in sediment deposits suggests that Cs-137 also had maximum releases ca. 1974-1975.

Somewhat different histories are seen for Am-241 and Pu-239,240. In reach M-4, the highest levels of these analytes occur in slightly younger sediments in the early sediment traps, after 1976 but no later than 1983. These sediments have the lowest ratios of Cs-137 to Am-241 (0.6-0.9) and Pu-239,240 to Am-241 (0.5-0.6). Effluent records from the RLWTF indicate that the peak releases for Am-241 and Pu-239,240 were in 1981-1983 (LANL 1997, 56835; p. 2-20, 2-21), also providing evidence that floods rapidly transported these constituents downstream to M-4. Younger sediment deposits (post-1983) have lower concentrations of these key radionuclides, reflecting reduced releases from the RLWTF. Barring an increase in releases from the RLWTF, concentrations in sediments carried by floods should stay well below the peak levels that occurred ca. 1976-1983.

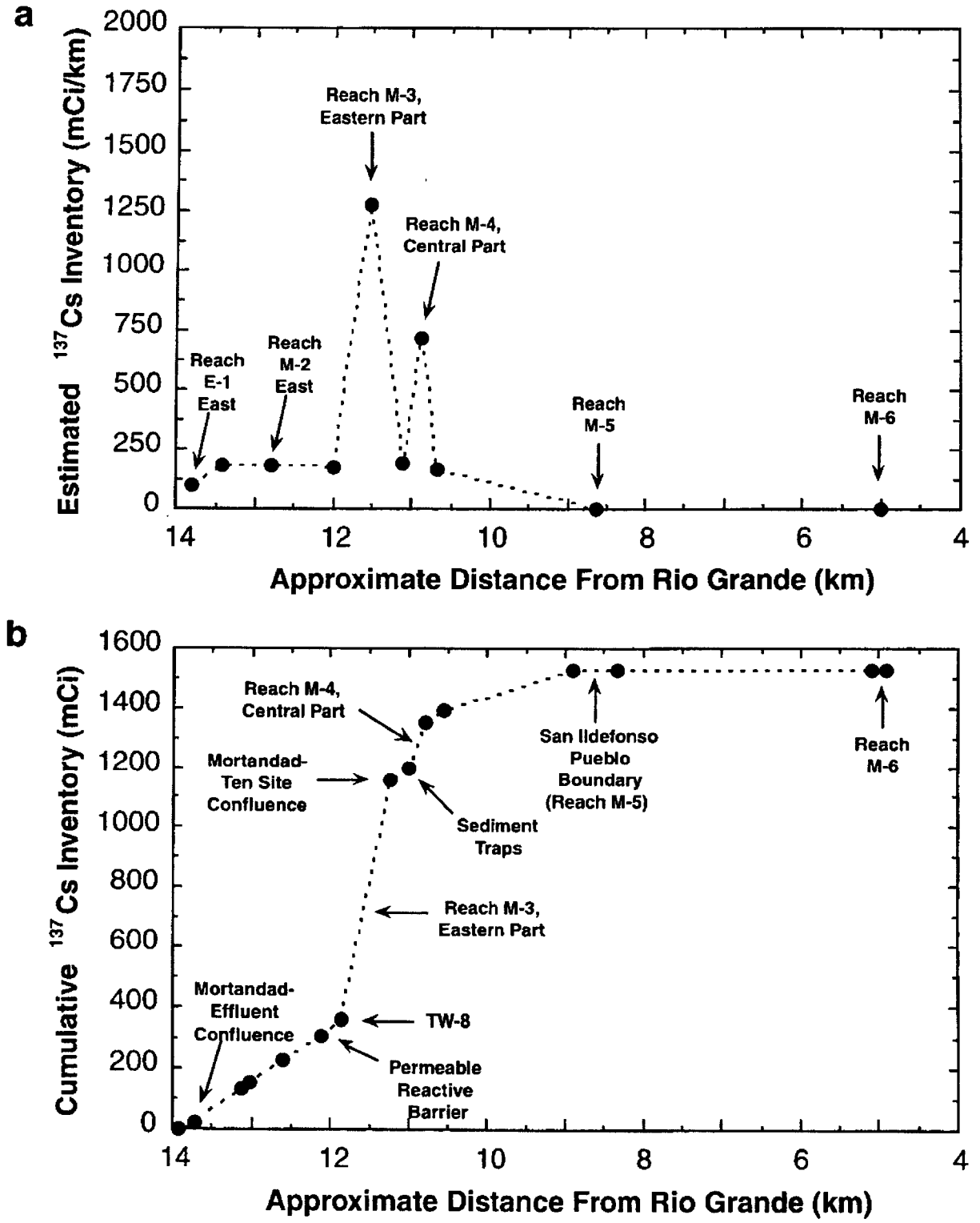

Figure 1. **Preliminary estimate of Cs-137 inventory in Mortandad Canyon: (a) normalized inventory and (b) cumulative inventory**

REMAINING MORTANDAD CANYON ACTIVITIES

A series of tasks are required in Mortandad Canyon to complete the investigations presented in the work plan. These include collecting additional sediment samples to address uncertainties in the nature, extent, and concentration of COPCs; collecting surface water and groundwater samples; and potentially developing and implementing a biological investigation. Additional sampling of sediment in the Mortandad Canyon reaches is planned for Fall 2003, and may be followed by additional sampling in 2004 if data needs remain. Data needs for groundwater and surface water are being addressed in a separate groundwater work plan addendum (in preparation). Assessment of the potential need for a biological investigation is planned for Fall 2003, with implementation in 2004 if a biological investigation is deemed necessary. In addition to sampling associated with implementation of the Mortandad Canyon Work Plan, sampling planned at TA-35 as part of the NMED-approved Sampling and Analysis Plan for the Middle Mortandad/Ten Site Aggregate (LANL 2002, 73092), including in Pratt Canyon, will also contribute to understanding contamination in Mortandad Canyon.

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0405-95-0303	S:00122599	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	CD	Cadmium
0405-95-0303	S:00122600	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	CA	Calcium
0405-95-0303	S:00122601	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	CR	Chromium
0405-95-0303	S:00122602	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	CO	Cobalt
0405-95-0303	S:00122603	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	CU	Copper
0405-95-0303	S:00122604	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	FE	Iron
0405-95-0303	S:00122605	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	PB	Lead
0405-95-0303	S:00122606	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	MG	Magnesium
0405-95-0303	S:00122607	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	MN	Manganese
0405-95-0303	S:00122608	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	HG	Mercury
0405-95-0303	S:00123122	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	NI	Nickel
0405-95-0303	S:00122609	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	K	Potassium
0405-95-0303	S:00122610	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	SE	Selenium
0405-95-0303	S:00122611	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	AG	Silver
0405-95-0303	S:00122612	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	NA	Sodium
0405-95-0303	S:00123190	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	TL	Thallium
0405-95-0303	S:00122613	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	V	Vanadium
0405-95-0303	S:00123191	1533	request 1	05-02075	0	15 cm	SED	SO	SED	INORGANIC	ZN	Zinc
0405-95-0303	S:00122614	1533	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	83-32-9	Acenaphthene
0405-95-0303	S:00119638	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	208-96-8	Acenaphthylene
0405-95-0303	S:00119636	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	62-53-3	Aniline
0405-95-0303	S:00119603	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	120-12-7	Anthracene
0405-95-0303	S:00119654	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	103-33-3	Azobenzene
0405-95-0303	S:00119647	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	92-87-5	Benzidine
0405-95-0303	S:00119658	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	56-55-3	Benzo(a)anthracene
0405-95-0303	S:00119661	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	50-32-8	Benzo(a)pyrene
0405-95-0303	S:00119668	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	205-99-2	Benzo(b)fluoranthene
0405-95-0303	S:00119666	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	191-24-2	Benzo(g,h,i)perylene
0405-95-0303	S:00119671	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	207-08-9	Benzo(k)fluoranthene
0405-95-0303	S:00119667	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	65-85-0	Benzoic Acid
0405-95-0303	S:00119622	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	100-51-6	Benzyl Alcohol
0405-95-0303	S:00119610	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	111-91-1	Bis(2-chloroethoxy)methane
0405-95-0303	S:00119620	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	111-44-4	Bis(2-chloroethyl)ether
0405-95-0303	S:00119605	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	117-81-7	Bis(2-ethylhexyl)phthalate
0405-95-0303	S:00119684	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	101-55-3	Bromophenyl-phenylether[4-]
0405-95-0303	S:00119650	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	85-68-7	Butylbenzylphthalate
0405-95-0303	S:00119660	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	86-74-8	Carbazole
0405-95-0303	S:00119655	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	59-50-7	Chloro-3-methylphenol[4-]
0405-95-0303	S:00119627	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	106-47-8	Chloroaniline[4-]
0405-95-0303	S:00119625	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	91-58-7	Chloronaphthalene[2-]
0405-95-0303	S:00119632	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	95-57-8	Chlorophenol[2-]
0405-95-0303	S:00119606	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	7005-72-3	Chlorophenyl-phenyl[4-] Ether
0405-95-0303	S:00119645	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	218-01-9	Chrysene
0405-95-0303	S:00119663	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	84-74-2	Di-n-butylphthalate
0405-95-0303	S:00119656	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	117-84-0	Di-n-octylphthalate
0405-95-0303	S:00119665	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	53-70-3	Dibenz(a,h)anthracene
0405-95-0303	S:00119670	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	132-64-9	Dibenzofuran
0405-95-0303	S:00119641	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	95-50-1	Dichlorobenzene[1,2-]
0405-95-0303	S:00119609	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	541-73-1	Dichlorobenzene[1,3-]
0405-95-0303	S:00119607	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	106-46-7	Dichlorobenzene[1,4-]
0405-95-0303	S:00119608	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	91-94-1	Dichlorobenzidine[3,3'-]
0405-95-0303	S:00119662	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	120-83-2	Dichlorophenol[2,4-]
0405-95-0303	S:00119621	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	84-66-2	Diethylphthalate
0405-95-0303	S:00119643	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	131-11-3	Dimethyl Phthalate
0405-95-0303	S:00119634	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	105-67-9	Dimethylphenol[2,4-]
0405-95-0303	S:00119619	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	534-52-1	Dinitro-2-methylphenol[4,6-]
0405-95-0303	S:00119648	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	51-28-5	Dinitrophenol[2,4-]
0405-95-0303	S:00119639	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	121-14-2	Dinitrotoluene[2,4-]
0405-95-0303	S:00119642	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	606-20-2	Dinitrotoluene[2,6-]
0405-95-0303	S:00119635	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	206-44-0	Fluoranthene
0405-95-0303	S:00119657	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	86-73-7	Fluorene
0405-95-0303	S:00119644	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	118-74-1	Hexachlorobenzene
0405-95-0303	S:00119651	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	87-68-3	Hexachlorobutadiene
0405-95-0303	S:00119626	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	77-47-4	Hexachlorocyclopentadiene
0405-95-0303	S:00119629	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	67-72-1	Hexachloroethane
0405-95-0303	S:00119615	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	193-39-5	Indeno(1,2,3-cd)pyrene
0405-95-0303	S:00119669	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	78-59-1	Isophorone
0405-95-0303	S:00119617	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	91-57-6	Methylnaphthalene[2-]
0405-95-0303	S:00119628	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	95-48-7	Methylphenol[2-]
0405-95-0303	S:00119612	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	106-44-5	Methylphenol[4-]
0405-95-0303	S:00119614	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene
0405-95-0303	S:00119624	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	88-74-4	Nitroaniline[2-]
0405-95-0303	S:00119633	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	99-09-2	Nitroaniline[3-]
0405-95-0303	S:00119637	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	100-01-6	Nitroaniline[4-]
0405-95-0303	S:00119646	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	98-95-3	Nitrobenzene
0405-95-0303	S:00119616	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	88-75-5	Nitrophenol[2-]
0405-95-0303	S:00119618	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	100-02-7	Nitrophenol[4-]
0405-95-0303	S:00119640	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	621-64-7	Nitroso-di-n-propylamine[N-]
0405-95-0303	S:00119613	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	62-75-9	Nitrosodimethylamine[N-]
0405-95-0303	S:00119602	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	86-30-6	Nitrosodiphenylamine[N-]
0405-95-0303	S:00119649	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	108-60-1	Oxybis(1-chloropropane)[2,2'-]
0405-95-0303	S:00119611	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	87-86-5	Pentachlorophenol
0405-95-0303	S:00119652	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	85-01-8	Phenanthrene
0405-95-0303	S:00119653	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	108-95-2	Phenol
0405-95-0303	S:00119604	1532	request 1									

0405-95-0303	S:00121227	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	74-83-9	Bromomethane
0405-95-0303	S:00121239	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	78-93-3	Butanone(2-)
0405-95-0303	S:00121253	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	104-51-8	Butylbenzene(n-)
0405-95-0303	S:00121279	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	135-98-8	Butylbenzene(sec-)
0405-95-0303	S:00121277	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	98-06-6	Butylbenzene(tert-)
0405-95-0303	S:00121234	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	75-15-0	Carbon Disulfide
0405-95-0303	S:00121244	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	56-23-5	Carbon Tetrachloride
0405-95-0303	S:00121262	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	108-90-7	Chlorobenzene
0405-95-0303	S:00121260	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	124-48-1	Chlorodibromomethane
0405-95-0303	S:00121228	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	75-00-3	Chloroethane
0405-95-0303	S:00121241	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	67-66-3	Chloroform
0405-95-0303	S:00121225	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	74-87-3	Chloromethane
0405-95-0303	S:00121274	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	95-49-8	Chlorotoluene(2-)
0405-95-0303	S:00121276	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	106-43-4	Chlorotoluene(4-)
0405-95-0303	S:00121285	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	96-12-8	Dibromo-3-Chloropropane(1,2-)
0405-95-0303	S:00121261	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	106-93-4	Dibromoethane(1,2-)
0405-95-0303	S:00121250	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	74-95-3	Dibromomethane
0405-95-0303	S:00121284	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	95-50-1	Dichlorobenzene(1,2-)
0405-95-0303	S:00121280	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	541-73-1	Dichlorobenzene(1,3-)
0405-95-0303	S:00121282	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	106-46-7	Dichlorobenzene(1,4-)
0405-95-0303	S:00121224	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	75-71-8	Dichlorodifluoromethane
0405-95-0303	S:00121237	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	75-34-3	Dichloroethane(1,1-)
0405-95-0303	S:00121248	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	107-06-2	Dichloroethane(1,2-)
0405-95-0303	S:00121230	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	75-35-4	Dichloroethene(1,1-)
0405-95-0303	S:00121238	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	156-59-2	Dichloroethene(cis-1,2-)
0405-95-0303	S:00121236	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	156-60-5	Dichloroethene(trans-1,2-)
0405-95-0303	S:00121249	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	78-87-5	Dichloropropane(1,2-)
0405-95-0303	S:00121259	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	142-28-9	Dichloropropane(1,3-)
0405-95-0303	S:00121243	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	594-20-7	Dichloropropane(2,2-)
0405-95-0303	S:00121245	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	563-58-6	Dichloropropene(1,1-)
0405-95-0303	S:00121252	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	10061-01-5	Dichloropropene(cis-1,3-)
0405-95-0303	S:00121255	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	10061-02-6	Dichloropropene(trans-1,3-)
0405-95-0303	S:00121264	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	100-41-4	Ethylbenzene
0405-95-0303	S:00121287	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	87-68-3	Hexachlorobutadiene
0405-95-0303	S:00121257	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	591-78-6	Hexanone(2-)
0405-95-0303	S:00121233	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	74-88-4	Iodomethane
0405-95-0303	S:00121269	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	98-82-8	Isopropylbenzene
0405-95-0303	S:00121281	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	99-87-6	Isopropyltoluene(4-)
0405-95-0303	S:00121253	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	108-10-1	Methyl-2-pentanone(4-)
0405-95-0303	S:00121235	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	75-09-2	Methylene Chloride
0405-95-0303	S:00121288	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene
0405-95-0303	S:00121273	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	103-65-1	Propylbenzene(1-)
0405-95-0303	S:00121267	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	100-42-5	Styrene
0405-95-0303	S:00121263	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	630-20-6	Tetrachloroethane(1,1,1,2-)
0405-95-0303	S:00121271	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	79-34-5	Tetrachloroethane(1,1,2,2-)
0405-95-0303	S:00121258	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	127-18-4	Tetrachloroethene
0405-95-0303	S:00121254	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	108-88-3	Toluene
0405-95-0303	S:00121231	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	76-13-1	Trichloro-1,2,2-trifluoroethane(1,1,2-)
0405-95-0303	S:00121289	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	87-61-6	Trichlorobenzene(1,2,3-)
0405-95-0303	S:00121286	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene(1,2,4-)
0405-95-0303	S:00121242	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	71-55-6	Trichloroethane(1,1,1-)
0405-95-0303	S:00121256	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	79-00-5	Trichloroethane(1,1,2-)
0405-95-0303	S:00121246	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	79-01-6	Trichloroethene
0405-95-0303	S:00121229	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	75-69-4	Trichlorofluoromethane
0405-95-0303	S:00121270	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	96-18-4	Trichloropropane(1,2,3-)
0405-95-0303	S:00121278	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	95-63-6	Trimethylbenzene(1,2,4-)
0405-95-0303	S:00121275	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	108-67-8	Trimethylbenzene(1,3,5-)
0405-95-0303	S:00121226	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	75-01-4	Vinyl Chloride
0405-95-0303	S:00121266	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	95-47-6	Xylene(1,2-)
0405-95-0303	S:00121265	1532	request 1	05-02075	0	15 cm	SED	SO	SED	ORGANIC	108-38-3	Xylene(1,3-)
0405-95-0304	S:00123151	1533	request 1	05-02075	61	91 cm	SED	SO	SED	RAD	PU-238	Plutonium-238
0405-95-0304	S:00123152	1533	request 1	05-02075	61	91 cm	SED	SO	SED	RAD	PU-239	Plutonium-239
0405-95-0304	S:00123237	1533	request 1	05-02075	61	91 cm	SED	SO	SED	RAD	U-234	Uranium-234
0405-95-0304	S:00123238	1533	request 1	05-02075	61	91 cm	SED	SO	SED	RAD	U-235	Uranium-235
0405-95-0304	S:00123239	1533	request 1	05-02075	61	91 cm	SED	SO	SED	RAD	U-238	Uranium-238
0405-95-0304	S:00122615	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	AL	Aluminum
0405-95-0304	S:00122616	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	SB	Antimony
0405-95-0304	S:00122617	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	AS	Arsenic
0405-95-0304	S:00122618	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	BA	Barium
0405-95-0304	S:00122619	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	BE	Beryllium
0405-95-0304	S:00122620	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	CD	Cadmium
0405-95-0304	S:00122621	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	CA	Calcium
0405-95-0304	S:00122622	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	CR	Chromium
0405-95-0304	S:00122623	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	CO	Cobalt
0405-95-0304	S:00122624	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	CU	Copper
0405-95-0304	S:00122625	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	FE	Iron
0405-95-0304	S:00122626	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	PB	Lead
0405-95-0304	S:00122627	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	MG	Magnesium
0405-95-0304	S:00122628	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	MN	Manganese
0405-95-0304	S:00123264	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	HG	Mercury
0405-95-0304	S:00122629	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	NI	Nickel
0405-95-0304	S:00122630	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	K	Potassium
0405-95-0304	S:00122631	1533	request 1	05-02075	61	91 cm	SED	SO	SED	INORGANIC	SE	Selenium

0405-95-0304	S:00119699	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	56-55-3	Benzo(a)anthracene
0405-95-0304	S:00119706	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	50-32-8	Benzo(a)pyrene
0405-95-0304	S:00119704	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	205-99-2	Benzo(b)fluoranthene
0405-95-0304	S:00119709	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	191-24-2	Benzo(g,h,i)perylene
0405-95-0304	S:00119705	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	207-08-9	Benzo(k)fluoranthene
0405-95-0304	S:00119731	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	65-85-0	Benzoic Acid
0405-95-0304	S:00119719	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	100-51-6	Benzyl Alcohol
0405-95-0304	S:00119729	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	111-91-1	Bis(2-chloroethoxy)methane
0405-95-0304	S:00119714	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	111-44-4	Bis(2-chloroethyl)ether
0405-95-0304	S:00119702	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	117-81-7	Bis(2-ethylhexyl)phthalate
0405-95-0304	S:00119679	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	101-55-3	Bromophenyl-phenylether(4-)
0405-95-0304	S:00119698	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	85-68-7	Butylbenzylphthalate
0405-95-0304	S:00119693	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	86-74-8	Carbazole
0405-95-0304	S:00119736	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	59-50-7	Chloro-3-methylphenol(4-)
0405-95-0304	S:00119734	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	106-47-8	Chloroaniline(4-)
0405-95-0304	S:00119741	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	91-58-7	Chloronaphthalene(2-)
0405-95-0304	S:00119715	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	95-57-8	Chlorophenol(2-)
0405-95-0304	S:00119674	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	7005-72-3	Chlorophenyl-phenyl(4-) Ether
0405-95-0304	S:00119701	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	218-01-9	Chrysene
0405-95-0304	S:00119694	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	84-74-2	Di-n-butylphthalate
0405-95-0304	S:00119703	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	117-84-0	Di-n-octylphthalate
0405-95-0304	S:00119708	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	53-70-3	Dibenz(a,h)anthracene
0405-95-0304	S:00119691	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	132-64-9	Dibenzofuran
0405-95-0304	S:00119718	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	95-50-1	Dichlorobenzene(1,2-)
0405-95-0304	S:00119716	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	541-73-1	Dichlorobenzene(1,3-)
0405-95-0304	S:00119717	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	106-46-7	Dichlorobenzene(1,4-)
0405-95-0304	S:00119700	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	91-94-1	Dichlorobenzidine(3,3'-)
0405-95-0304	S:00119730	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	120-83-2	Dichlorophenol(2,4-)
0405-95-0304	S:00119672	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	84-66-2	Diethylphthalate
0405-95-0304	S:00119684	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	131-11-3	Dimethyl Phthalate
0405-95-0304	S:00119728	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	105-67-9	Dimethylphenol(2,4-)
0405-95-0304	S:00119677	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	534-52-1	Dinitro-2-methylphenol(4,6-)
0405-95-0304	S:00119689	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	51-28-5	Dinitrophenol(2,4-)
0405-95-0304	S:00119692	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	121-14-2	Dinitrotoluene(2,4-)
0405-95-0304	S:00119685	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	606-20-2	Dinitrotoluene(2,6-)
0405-95-0304	S:00119695	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	206-44-0	Fluoranthene
0405-95-0304	S:00119673	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	86-73-7	Fluorene
0405-95-0304	S:00119680	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	118-74-1	Hexachlorobenzene
0405-95-0304	S:00119735	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	87-68-3	Hexachlorobutadiene
0405-95-0304	S:00119738	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	77-47-4	Hexachlorocyclopentadiene
0405-95-0304	S:00119724	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	67-72-1	Hexachloroethane
0405-95-0304	S:00119707	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	193-39-5	Indeno(1,2,3-cd)pyrene
0405-95-0304	S:00119726	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	78-59-1	Isophorone
0405-95-0304	S:00119737	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	91-57-6	Methylnaphthalene(2-)
0405-95-0304	S:00119721	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	95-48-7	Methylphenol(2-)
0405-95-0304	S:00119723	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	106-44-5	Methylphenol(4-)
0405-95-0304	S:00119733	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene
0405-95-0304	S:00119742	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	88-74-4	Nitroaniline(2-)
0405-95-0304	S:00119687	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	99-09-2	Nitroaniline(3-)
0405-95-0304	S:00119675	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	100-01-6	Nitroaniline(4-)
0405-95-0304	S:00119725	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	98-95-3	Nitrobenzene
0405-95-0304	S:00119727	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	88-75-5	Nitrophenol(2-)
0405-95-0304	S:00119690	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	100-02-7	Nitrophenol(4-)
0405-95-0304	S:00119722	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	621-64-7	Nitroso-di-n-propylamine(N-)
0405-95-0304	S:00119711	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	62-75-9	Nitrosodimethylamine(N-)
0405-95-0304	S:00119678	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	86-30-6	Nitrosodiphenylamine(N-)
0405-95-0304	S:00119720	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	108-60-1	Oxybis(1-chloropropane)(2,2'-)
0405-95-0304	S:00119681	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	87-86-5	Pentachlorophenol
0405-95-0304	S:00119682	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	85-01-8	Phenanthrene
0405-95-0304	S:00119713	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	108-95-2	Phenol
0405-95-0304	S:00119697	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	129-00-0	Pyrene
0405-95-0304	S:00119710	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	110-86-1	Pyridine
0405-95-0304	S:00119732	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene(1,2,4-)
0405-95-0304	S:00119740	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	95-95-4	Trichlorophenol(2,4,5-)
0405-95-0304	S:00119739	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	88-06-2	Trichlorophenol(2,4,6-)
0405-95-0304	S:00121298	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	67-64-1	Acetone
0405-95-0304	S:00121313	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	71-43-2	Benzene
0405-95-0304	S:00121338	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	108-86-1	Bromobenzene
0405-95-0304	S:00121306	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	74-97-5	Bromochloromethane
0405-95-0304	S:00121317	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	75-27-4	Bromodichloromethane
0405-95-0304	S:00121334	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	75-25-2	Bromoform
0405-95-0304	S:00121293	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	74-83-9	Bromomethane
0405-95-0304	S:00121305	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	78-93-3	Butanone(2-)
0405-95-0304	S:00121349	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	104-51-8	Butylbenzene(n-)
0405-95-0304	S:00121345	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	135-98-8	Butylbenzene(sec-)
0405-95-0304	S:00121343	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	98-06-6	Butylbenzene(tert-)
0405-95-0304	S:00121300	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	75-15-0	Carbon Disulfide
0405-95-0304	S:00121310	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	56-23-5	Carbon Tetrachloride
0405-95-0304	S:00121328	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	108-90-7	Chlorobenzene
0405-95-0304	S:00121326	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	124-48-1	Chlorodibromomethane
0405-95-0304	S:00121294	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	75-00-3	Chloroethane
0405-95-0304	S:00121307	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	67-66-3	Chloroform
0405-95-0304	S:00121291	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	74-87-3	Chloromethane

0405-95-0304	S:00121296	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	75-35-4	Dichloroethene[1,1-]
0405-95-0304	S:00121304	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	156-59-2	Dichloroethene[cis-1,2-]
0405-95-0304	S:00121302	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	156-60-5	Dichloroethene[trans-1,2-]
0405-95-0304	S:00121315	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	78-87-5	Dichloropropane[1,2-]
0405-95-0304	S:00121325	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	142-28-9	Dichloropropane[1,3-]
0405-95-0304	S:00121309	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	594-20-7	Dichloropropane[2,2-]
0405-95-0304	S:00121311	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	563-58-6	Dichloropropene[1,1-]
0405-95-0304	S:00121318	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	10061-01-5	Dichloropropene[cis-1,3-]
0405-95-0304	S:00121321	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	10061-02-6	Dichloropropene[trans-1,3-]
0405-95-0304	S:00121330	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	100-41-4	Ethylbenzene
0405-95-0304	S:00121353	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	87-68-3	Hexachlorobutadiene
0405-95-0304	S:00121323	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	591-78-6	Hexanone[2-]
0405-95-0304	S:00121299	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	74-88-4	Iodomethane
0405-95-0304	S:00121335	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	98-82-8	Isopropylbenzene
0405-95-0304	S:00121347	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	99-87-6	Isopropyltoluene[4-]
0405-95-0304	S:00121319	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	108-10-1	Methyl-2-pentanone[4-]
0405-95-0304	S:00121301	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	75-09-2	Methylene Chloride
0405-95-0304	S:00121354	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene
0405-95-0304	S:00121339	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	103-65-1	Propylbenzene[1-]
0405-95-0304	S:00121333	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	100-42-5	Styrene
0405-95-0304	S:00121329	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	630-20-6	Tetrachloroethane[1,1,1,2-]
0405-95-0304	S:00121337	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	79-34-5	Tetrachloroethane[1,1,2,2-]
0405-95-0304	S:00121324	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	127-18-4	Tetrachloroethene
0405-95-0304	S:00121320	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	108-88-3	Toluene
0405-95-0304	S:00121297	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	76-13-1	Trichloro-1,2,2-trifluoroethane[1,1,2-]
0405-95-0304	S:00121355	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	87-61-6	Trichlorobenzene[1,2,3-]
0405-95-0304	S:00121352	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene[1,2,4-]
0405-95-0304	S:00121308	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	71-55-6	Trichloroethane[1,1,1-]
0405-95-0304	S:00121322	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	79-00-5	Trichloroethane[1,1,2-]
0405-95-0304	S:00121314	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	79-01-6	Trichloroethene
0405-95-0304	S:00121295	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	75-69-4	Trichlorofluoromethane
0405-95-0304	S:00121336	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	96-18-4	Trichloropropane[1,2,3-]
0405-95-0304	S:00121344	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	95-63-6	Trimethylbenzene[1,2,4-]
0405-95-0304	S:00121341	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	108-67-8	Trimethylbenzene[1,3,5-]
0405-95-0304	S:00121292	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	75-01-4	Vinyl Chloride
0405-95-0304	S:00121332	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	95-47-6	Xylene[1,2-]
0405-95-0304	S:00121331	1532	request 1	05-02075	61	91 cm	SED	SO	SED	ORGANIC	108-38-3	Xylene[1,3-]
0405-95-0305	S:00123153	1533	request 1	05-02076	0	15 cm	SED	SO	SED	RAD	PU-238	Plutonium-238
0405-95-0305	S:00123154	1533	request 1	05-02076	0	15 cm	SED	SO	SED	RAD	PU-239	Plutonium-239
0405-95-0305	S:00123240	1533	request 1	05-02076	0	15 cm	SED	SO	SED	RAD	U-234	Uranium-234
0405-95-0305	S:00123241	1533	request 1	05-02076	0	15 cm	SED	SO	SED	RAD	U-235	Uranium-235
0405-95-0305	S:00123242	1533	request 1	05-02076	0	15 cm	SED	SO	SED	RAD	U-238	Uranium-238
0405-95-0305	S:00122637	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	AL	Aluminum
0405-95-0305	S:00122638	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	SB	Antimony
0405-95-0305	S:00122639	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	AS	Arsenic
0405-95-0305	S:00122640	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	BA	Barium
0405-95-0305	S:00122641	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	BE	Beryllium
0405-95-0305	S:00122642	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	CD	Cadmium
0405-95-0305	S:00122643	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	CA	Calcium
0405-95-0305	S:00122644	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	CR	Chromium
0405-95-0305	S:00122645	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	CO	Cobalt
0405-95-0305	S:00122646	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	CU	Copper
0405-95-0305	S:00122647	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	FE	Iron
0405-95-0305	S:00122648	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	PB	Lead
0405-95-0305	S:00122649	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	MG	Magnesium
0405-95-0305	S:00122650	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	MN	Manganese
0405-95-0305	S:00123123	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	HG	Mercury
0405-95-0305	S:00122651	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	NI	Nickel
0405-95-0305	S:00122652	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	K	Potassium
0405-95-0305	S:00122653	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	SE	Selenium
0405-95-0305	S:00122654	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	AG	Silver
0405-95-0305	S:00122655	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	NA	Sodium
0405-95-0305	S:00122656	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	TL	Thallium
0405-95-0305	S:00122657	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	V	Vanadium
0405-95-0305	S:00122658	1533	request 1	05-02076	0	15 cm	SED	SO	SED	INORGANIC	ZN	Zinc
0405-95-0305	S:00119772	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	83-32-9	Acenaphthene
0405-95-0305	S:00119770	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	208-96-8	Acenaphthylene
0405-95-0305	S:00119801	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	62-53-3	Aniline
0405-95-0305	S:00119788	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	120-12-7	Anthracene
0405-95-0305	S:00119781	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	103-33-3	Azobenzene
0405-95-0305	S:00119792	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	92-87-5	Benzidine
0405-95-0305	S:00119795	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	56-55-3	Benzo(a)anthracene
0405-95-0305	S:00119748	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	50-32-8	Benzo(a)pyrene
0405-95-0305	S:00119744	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	205-99-2	Benzo(b)fluoranthene
0405-95-0305	S:00119749	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	191-24-2	Benzo(g,h,i)perylene
0405-95-0305	S:00119745	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	207-08-9	Benzo(k)fluoranthene
0405-95-0305	S:00119756	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	65-85-0	Benzoic Acid
0405-95-0305	S:00119808	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	100-51-6	Benzyl Alcohol
0405-95-0305	S:00119754	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	111-91-1	Bis(2-chloroethoxy)methane
0405-95-0305	S:00119803	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	111-44-4	Bis(2-chloroethyl)ether
0405-95-0305	S:00119798	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	117-81-7	Bis(2-ethylhexyl)phthalate
0405-95-0305	S:00119784	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	101-55-3	Bromophenyl-phenylether(4-)
0405-95-0305	S:00119794	1532	request 1	05-02076	0	15 cm	SED	SO	SED	ORGANIC	85-68-7	Butylbenzylphthalate

sample_id	SEQ_NUM	REQUEST_NUM	LAB_RPT_NUM	FIELD_PREP	PRS
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0405-95-0305	S:00119761	1532			request 1
0405-95-0305	S:00119759	1532			request 1
0405-95-0305	S:00119766	1532			request 1
0405-95-0305	S:00119804	1532			request 1
0405-95-0305	S:00119779	1532			request 1
0405-95-0305	S:00119797	1532			request 1
0405-95-0306	S:00119790	1532			request 1
0405-95-0305	S:00119743	1532			request 1
0405-95-0305	S:00119748	1532			request 1
0405-95-0305	S:00119775	1532			request 1
0405-95-0305	S:00119807	1532			request 1
0405-95-0305	S:00119805	1532			request 1
0405-95-0305	S:00119806	1532			request 1
0405-95-0305	S:00119798	1532			request 1
0405-95-0305	S:00119755	1532			request 1
0405-95-0305	S:00119777	1532			request 1
0405-95-0305	S:00119768	1532			request 1
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0405-95-0305	S:00119773	1532			request 1
0405-95-0305	S:00119776	1532			request 1
0405-95-0305	S:00119769	1532			request 1
0405-95-0305	S:00119791	1532			request 1
0405-95-0305	S:00119778	1532			request 1
0405-95-0305	S:00119785	1532			request 1
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0405-95-0305	S:00119751	1532			request 1
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0405-95-0305	S:00121404	1532			request 1
0405-95-0305	S:00121372	1532			request 1
0405-95-0305	S:00121383	1532			request 1
0405-95-0305	S:00121400	1532			request 1
0405-95-0305	S:00121359	1532			request 1
0405-95-0305	S:00121371	1532			request 1
0405-95-0305	S:00121415	1532			request 1
0405-95-0305	S:00121411	1532			request 1
0405-95-0305	S:00121409	1532			request 1
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0405-95-0305	S:00121416	1532			request 1
0405-95-0305	S:00121412	1532			request 1
0405-95-0305	S:00121414	1532			request 1
0405-95-0305	S:00121356	1532			request 1
0405-95-0305	S:00121369	1532			request 1
0405-95-0305	S:00121378	1532			request 1
0405-95-0305	S:00121362	1532			request 1
0405-95-0305	S:00121370	1532			request 1
0405-95-0305	S:00121368	1532			request 1

LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_CODE	MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_CODE	ANALYTE_NAME	PERCENT_MOISTURE
05-02076	0	15	cm	SED	SO	SED	ORGANIC	86-74-8	Carbazole	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	59-50-7	Chloro-3-methylphenol(4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	106-47-8	Chloroaniline(4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	91-58-7	Chloronaphthalene(2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	95-57-8	Chlorophenol(2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	7005-72-3	Chlorophenyl-phenyl(4-) Ether	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	218-01-9	Chrysene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	84-74-2	Di-n-butylphthalate	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	117-84-0	Di-n-octylphthalate	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	53-70-3	Dibenz(a,h)anthracene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	132-64-9	Dibenzofuran	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	95-50-1	Dichlorobenzene(1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	541-73-1	Dichlorobenzene(1,3-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	106-46-7	Dichlorobenzene(1,4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	91-94-1	Dichlorobenzidine(3,3'-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	120-83-2	Dichlorophenol(2,4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	84-66-2	Diethylphthalate	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	131-11-3	Dimethyl Phthalate	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	105-67-9	Dimethylphenol(2,4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	534-52-1	Dinitro-2-methylphenol(4,6-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	51-28-5	Dinitrophenol(2,4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	121-14-2	Dinitrotoluene(2,4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	606-20-2	Dinitrotoluene(2,6-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	206-44-0	Fluoranthene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	86-73-7	Fluorene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	118-74-1	Hexachlorobenzene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	87-68-3	Hexachlorobutadiene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	77-47-4	Hexachlorocyclopentadiene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	67-72-1	Hexachloroethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	193-39-5	Indeno(1,2,3-cd)pyrene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	78-59-1	Isophorone	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	91-57-6	Methylnaphthalene(2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	95-48-7	Methylphenol(2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	106-44-5	Methylphenol(4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	88-74-4	Nitroaniline(2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	99-09-2	Nitroaniline(3-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	100-01-6	Nitroaniline(4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	98-95-3	Nitrobenzene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	88-75-5	Nitrophenol(2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	100-02-7	Nitrophenol(4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	621-64-7	Nitroso-di-n-propylamine(N-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	62-75-9	Nitrosodimethylamine(N-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	86-30-6	Nitrosodiphenylamine(N-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	108-60-1	Oxybis(1-chloropropane)(2,2'-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	87-86-5	Pentachlorophenol	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	85-01-8	Phenanthrene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	108-95-2	Phenol	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	129-00-0	Pyrene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	110-86-1	Pyridine	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene(1,2,4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	95-95-4	Trichlorophenol(2,4,5-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	88-06-2	Trichlorophenol(2,4,6-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	67-64-1	Acetone	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	71-43-2	Benzene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	108-86-1	Bromobenzene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	74-97-5	Bromochloromethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-27-4	Bromodichloromethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-25-2	Bromoform	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	74-83-9	Bromomethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	78-93-3	Butanone(2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	104-51-8	Butylbenzene(n-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	135-98-8	Butylbenzene(sec-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	98-06-6	Butylbenzene(tert-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-15-0	Carbon Disulfide	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	56-23-5	Carbon Tetrachloride	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	108-90-7	Chlorobenzene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	124-48-1	Chlorodibromomethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-00-3	Chloroethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	67-66-3	Chloroform	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	74-87-3	Chloromethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	95-49-8	Chlorotoluene(2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	106-43-4	Chlorotoluene(4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	96-12-8	Dibromo-3-Chloropropane(1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	106-93-4	Dibromoethane(1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	74-95-3	Dibromomethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	95-50-1	Dichlorobenzene(1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	541-73-1	Dichlorobenzene(1,3-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	106-46-7	Dichlorobenzene(1,4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-71-8	Dichlorodifluoromethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-34-3	Dichloroethane(1,1-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	107-06-2	Dichloroethane(1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-35-4	Dichloroethene(1,1-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	156-59-2	Dichloroethene(cis-1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	156-60-5	Dichloroethene(trans-1,2-)	11
[illegible]	[illegible]	[illegible]	[illegible]	SED	SO	SED	ORGANIC	78-87-5	Dichloropropane(1,2-)	11

sample_id	SEQ_NUM	REQUEST_NUM	LAB_RPT_NUM	FIELD_PREP	PRS
0405-95-0305	S00121365	1532			request 1
0405-95-0305	S00121401	1532			request 1
0405-95-0305	S00121413	1532			request 1
0405-95-0305	S00121385	1532			request 1
0405-95-0305	S00121367	1532			request 1
0405-95-0305	S00121420	1532			request 1
0405-95-0305	S00121405	1532			request 1
0405-95-0305	S00121399	1532			request 1
0405-95-0305	S00121395	1532			request 1
0405-95-0305	S00121403	1532			request 1
0405-95-0305	S00121390	1532			request 1
0405-95-0305	S00121386	1532			request 1
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0405-95-0305	S00121418	1532			request 1
0405-95-0305	S00121374	1532			request 1
0405-95-0305	S00121388	1532			request 1
0405-95-0305	S00121380	1532			request 1
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0405-95-0305	S00121410	1532			request 1
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0405-95-0306	S00119631	1532			request 1
0405-95-0306	S00119648	1532			request 1
0405-95-0306	S00119636	1532			request 1
0405-95-0306	S00119646	1532			request 1
0405-95-0306	S00119615	1532			request 1
0405-95-0306	S00119828	1532			request 1
0405-95-0306	S00119676	1532			request 1
0405-95-0306	S00119824	1532			request 1
0405-95-0306	S00119681	1532			request 1
0405-95-0306	S00119853	1532			request 1
0405-95-0306	S00119851	1532			request 1
0405-95-0306	S00119658	1532			request 1
0405-95-0306	S00119816	1532			request 1
0405-95-0306	S00119671	1532			request 1
0405-95-0306	S00119627	1532			request 1
0405-95-0306	S00119682	1532			request 1
0405-95-0306	S00119629	1532			request 1
0405-95-0306	S00119634	1532			request 1
0405-95-0306	S00119667	1532			request 1
0405-95-0306	S00119619	1532			request 1
0405-95-0306	S00119617	1532			request 1
0405-95-0306	S00119618	1532			request 1

LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_CODE	MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_CODE	ANALYTE_NAME	PERCENT_MOISTURE
05-02076	0	15	cm	SED	SO	SED	ORGANIC	74-88-4	Iodomethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	98-82-8	Isopropylbenzene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	99-87-6	Isopropyltoluene(4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	108-10-1	Methyl-2-pentanone(4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-09-2	Methylene Chloride	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	103-65-1	Propylbenzene(1-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	100-42-5	Styrene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	630-20-6	Tetrachloroethane(1,1,1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	79-34-5	Tetrachloroethane(1,1,2,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	127-18-4	Tetrachloroethene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	108-88-3	Toluene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	76-13-1	Trichloro-1,2,2-trifluoroethane(1,1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	87-61-6	Trichlorobenzene(1,2,3-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene(1,2,4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	71-55-6	Trichloroethane(1,1,1-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	79-00-5	Trichloroethane(1,1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	79-01-6	Trichloroethene	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-69-4	Trichlorofluoromethane	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	96-18-4	Trichloropropane(1,2,3-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	95-63-6	Trimethylbenzene(1,2,4-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	108-67-8	Trimethylbenzene(1,3,5-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	75-01-4	Vinyl Chloride	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	95-47-6	Xylene(1,2-)	11
05-02076	0	15	cm	SED	SO	SED	ORGANIC	108-38-3	Xylene(1,3-)	11
05-02076	61	91	cm	SED	SO	SED	RAD	PU-238	Plutonium-238	
05-02076	61	91	cm	SED	SO	SED	RAD	PU-239	Plutonium-239	
05-02076	61	91	cm	SED	SO	SED	RAD	U-234	Uranium-234	
05-02076	61	91	cm	SED	SO	SED	RAD	U-235	Uranium-235	
05-02076	61	91	cm	SED	SO	SED	RAD	U-238	Uranium-238	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	AL	Aluminum	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	SB	Antimony	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	AS	Arsenic	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	BA	Barium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	BE	Beryllium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	CD	Cadmium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	CA	Calcium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	CR	Chromium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	CO	Cobalt	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	CU	Copper	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	FE	Iron	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	PB	Lead	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	MG	Magnesium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	MN	Manganese	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	HG	Mercury	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	NI	Nickel	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	K	Potassium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	SE	Selenium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	AG	Silver	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	NA	Sodium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	TL	Thallium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	V	Vanadium	
05-02076	61	91	cm	SED	SO	SED	INORGANIC	ZN	Zinc	
05-02076	61	91	cm	SED	SO	SED	ORGANIC	83-32-9	Acenaphthene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	208-96-8	Acenaphthylene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	62-53-3	Aniline	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	120-12-7	Anthracene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	103-33-3	Azobenzene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	92-87-5	Benzidine	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	56-55-3	Benzo(a)anthracene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	50-32-8	Benzo(a)pyrene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	205-99-2	Benzo(b)fluoranthene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	191-24-2	Benzo(g,h,i)perylene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	207-08-9	Benzo(k)fluoranthene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	65-85-0	Benzoic Acid	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	100-51-6	Benzyl Alcohol	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	111-91-1	Bis(2-chloroethoxy)methane	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	111-44-4	Bis(2-chloroethyl)ether	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	117-81-7	Bis(2-ethylhexyl)phthalate	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	101-55-3	Bromophenyl-phenylether(4-)	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	85-68-7	Butylbenzylphthalate	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	86-74-8	Carbazole	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	59-50-7	Chloro-3-methylphenol(4-)	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	106-47-8	Chloroaniline(4-)	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	91-58-7	Chloronaphthalene(2-)	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	95-57-8	Chlorophenol(2-)	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	7005-72-3	Chlorophenyl-phenyl(4-) Ether	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	218-01-9	Chrysene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	84-74-2	Di-n-butylphthalate	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	117-84-0	Di-n-octylphthalate	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	53-70-3	Dibenz(a,h)anthracene	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	132-64-9	Dibenzofuran	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	95-50-1	Dichlorobenzene(1,2-)	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	541-73-1	Dichlorobenzene(1,3-)	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	106-46-7	Dichlorobenzene(1,4-)	13
05-02076	61	91	cm	SED	SO	SED	ORGANIC	91-94-1	Dichlorobenzidine(3,3'-)	13

0405-95-0306	S:00119840	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	[illegible]	[illegible]
0405-95-0306	S:00119850	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene
0405-95-0306	S:00119859	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	88-74-4	Nitroaniline(2-)
0405-95-0306	S:00119863	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	99-09-2	Nitroaniline(3-)
0405-95-0306	S:00119872	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	100-01-6	Nitroaniline(4-)
0405-95-0306	S:00119842	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	98-95-3	Nitrobenzene
0405-95-0306	S:00119844	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	88-75-5	Nitrophenol(2-)
0405-95-0306	S:00119866	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	100-02-7	Nitrophenol(4-)
0405-95-0306	S:00119839	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	621-64-7	Nitroso-di-n-propylamine(N-)
0405-95-0306	S:00119821	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	62-75-9	Nitrosodimethylamine(N-)
0405-95-0306	S:00119875	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	86-30-6	Nitrosodiphenylamine(N-)
0405-95-0306	S:00119837	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	108-60-1	Oxybis(1-chloropropane)(2,2'-)
0405-95-0306	S:00119878	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	87-86-5	Pentachlorophenol
0405-95-0306	S:00119879	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	85-01-8	Phenanthrene
0405-95-0306	S:00119814	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	108-95-2	Phenol
0405-95-0306	S:00119823	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	129-00-0	Pyrene
0405-95-0306	S:00119820	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	110-86-1	Pyridine
0405-95-0306	S:00119849	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene(1,2,4-)
0405-95-0306	S:00119857	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	95-95-4	Trichlorophenol(2,4,5-)
0405-95-0306	S:00119856	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	88-06-2	Trichlorophenol(2,4,6-)
0405-95-0306	S:00121476	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	67-64-1	Acetone
0405-95-0306	S:00121425	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	71-43-2	Benzene
0405-95-0306	S:00121450	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	108-86-1	Bromobenzene
0405-95-0306	S:00121484	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	74-97-5	Bromochloromethane
0405-95-0306	S:00121429	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-27-4	Bromodichloromethane
0405-95-0306	S:00121446	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-25-2	Bromoform
0405-95-0306	S:00121471	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	74-83-9	Bromomethane
0405-95-0306	S:00121483	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	78-93-3	Butanone(2-)
0405-95-0306	S:00121481	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	104-51-8	Butylbenzene(n-)
0405-95-0306	S:00121457	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	135-98-8	Butylbenzene(sec-)
0405-95-0306	S:00121455	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	98-06-6	Butylbenzene(tert-)
0405-95-0306	S:00121478	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-15-0	Carbon Disulfide
0405-95-0306	S:00121422	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	56-23-5	Carbon Tetrachloride
0405-95-0306	S:00121440	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	108-90-7	Chlorobenzene
0405-95-0306	S:00121436	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	124-48-1	Chlorodibromomethane
0405-95-0306	S:00121472	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-00-3	Chloroethane
0405-95-0306	S:00121485	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	67-66-3	Chloroform
0405-95-0306	S:00121469	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	74-87-3	Chloromethane
0405-95-0306	S:00121452	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	95-49-8	Chlorotoluene(2-)
0405-95-0306	S:00121454	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	106-43-4	Chlorotoluene(4-)
0405-95-0306	S:00121463	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	96-12-8	Dibromo-3-Chloropropane(1,2-)
0405-95-0306	S:00121439	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	106-93-4	Dibromoethane(1,2-)
0405-95-0306	S:00121428	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	74-95-3	Dibromomethane
0405-95-0306	S:00121462	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	95-50-1	Dichlorobenzene(1,2-)
0405-95-0306	S:00121456	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	541-73-1	Dichlorobenzene(1,3-)
0405-95-0306	S:00121460	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	106-46-7	Dichlorobenzene(1,4-)
0405-95-0306	S:00121468	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-71-8	Dichlorodifluoromethane
0405-95-0306	S:00121481	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-34-3	Dichloroethane(1,1-)
0405-95-0306	S:00121424	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	107-06-2	Dichloroethane(1,2-)
0405-95-0306	S:00121474	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-35-4	Dichloroethene(1,1-)
0405-95-0306	S:00121482	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	156-59-2	Dichloroethene(cis-1,2-)
0405-95-0306	S:00121480	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	156-60-5	Dichloroethene(trans-1,2-)
0405-95-0306	S:00121427	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	78-87-5	Dichloropropane(1,2-)
0405-95-0306	S:00121437	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	142-28-9	Dichloropropane(1,3-)
0405-95-0306	S:00121487	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	594-20-7	Dichloropropane(2,2-)
0405-95-0306	S:00121423	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	563-58-6	Dichloropropene(1,1-)
0405-95-0306	S:00121430	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	10061-01-5	Dichloropropene(cis-1,3-)
0405-95-0306	S:00121433	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	10061-02-6	Dichloropropene(trans-1,3-)
0405-95-0306	S:00121442	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	100-41-4	Ethylbenzene
0405-95-0306	S:00121465	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	87-68-3	Hexachlorobutadiene
0405-95-0306	S:00121435	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	591-78-6	Hexanone(2-)
0405-95-0306	S:00121477	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	74-88-4	Iodomethane
0405-95-0306	S:00121447	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	98-82-8	Isopropylbenzene
0405-95-0306	S:00121459	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	99-87-6	Isopropyltoluene(4-)
0405-95-0306	S:00121431	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	108-10-1	Methyl-2-pentanone(4-)
0405-95-0306	S:00121479	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-09-2	Methylene Chloride
0405-95-0306	S:00121466	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene
0405-95-0306	S:00121451	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	103-65-1	Propylbenzene(1-)
0405-95-0306	S:00121445	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	100-42-5	Styrene
0405-95-0306	S:00121441	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	630-20-6	Tetrachloroethane(1,1,1,2-)
0405-95-0306	S:00121449	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	79-34-5	Tetrachloroethane(1,1,2,2-)
0405-95-0306	S:00121438	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	127-18-4	Tetrachloroethene
0405-95-0306	S:00121432	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	108-88-3	Toluene
0405-95-0306	S:00121475	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	76-13-1	Trichloro-1,2,2-trifluoroethane(1,1,2-)
0405-95-0306	S:00121467	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	87-61-6	Trichlorobenzene(1,2,3-)
0405-95-0306	S:00121464	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene(1,2,4-)
0405-95-0306	S:00121486	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	71-55-6	Trichloroethane(1,1,1-)
0405-95-0306	S:00121434	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	79-00-5	Trichloroethane(1,1,2-)
0405-95-0306	S:00121426	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	79-01-6	Trichloroethene
0405-95-0306	S:00121473	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-69-4	Trichlorofluoromethane
0405-95-0306	S:00121448	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	96-18-4	Trichloropropane(1,2,3-)
0405-95-0306	S:00121458	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	95-63-6	Trimethylbenzene(1,2,4-)
0405-95-0306	S:00121453	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	108-67-8	Trimethylbenzene(1,3,5-)
0405-95-0306	S:00121470	1532	request 1	05-02076	61	91 cm	SED	SO	SED	ORGANIC	75-01-4	Vinyl Chloride

sample_id	SEQ_NUM	REQUEST_NUM	LAB_RPT_NUM	FIELD_PREP	PRS
0405-95-0306	S:00121444	1532			request 1
0405-95-0306	S:00121443	1532			request 1
0405-95-0308	S:00123157	1533			request 1
0405-95-0308	S:00123158	1533			request 1
0405-95-0308	S:00123246	1533			request 1
0405-95-0308	S:00123247	1533			request 1
0405-95-0308	S:00123248	1533			request 1
0405-95-0308	S:00122681	1533			request 1
0405-95-0308	S:00122682	1533			request 1
0405-95-0308	S:00122683	1533			request 1
0405-95-0306	S:00122684	1533			request 1
0405-95-0308	S:00122685	1533			request 1
0405-95-0308	S:00122686	1533			request 1
0405-95-0308	S:00122687	1533			request 1
0405-95-0308	S:00122688	1533			request 1
0405-95-0308	S:00122689	1533			request 1
0405-95-0308	S:00122690	1533			request 1
0405-95-0308	S:00122691	1533			request 1
0405-95-0308	S:00122692	1533			request 1
0405-95-0308	S:00122693	1533			request 1
0405-95-0308	S:00122694	1533			request 1
0405-95-0308	S:00123125	1533			request 1
0405-95-0308	S:00122695	1533			request 1
0405-95-0308	S:00122696	1533			request 1
0405-95-0308	S:00122697	1533			request 1
0405-95-0308	S:00122698	1533			request 1
0405-95-0308	S:00122699	1533			request 1
0405-95-0308	S:00122700	1533			request 1
0405-95-0308	S:00122701	1533			request 1
0405-95-0308	S:00122702	1533			request 1
0405-95-0308	S:00119922	1532			request 1
0405-95-0308	S:00118920	1532			request 1
0405-95-0308	S:00119888	1532			request 1
0405-95-0308	S:00119938	1532			request 1
0405-95-0308	S:00119931	1532			request 1
0405-95-0308	S:00119942	1532			request 1
0405-95-0308	S:00119945	1532			request 1
0405-95-0308	S:00119952	1532			request 1
0405-95-0308	S:00119950	1532			request 1
0405-95-0308	S:00119955	1532			request 1
0405-95-0306	S:00119951	1532			request 1
0405-95-0308	S:00119906	1532			request 1
0405-95-0308	S:00119885	1532			request 1
0405-95-0308	S:00119904	1532			request 1
0405-95-0308	S:00119890	1532			request 1
0405-95-0308	S:00119948	1532			request 1
0405-95-0308	S:00119934	1532			request 1
0405-95-0308	S:00119944	1532			request 1
0405-95-0308	S:00119939	1532			request 1
0405-95-0308	S:00119911	1532			request 1
0405-95-0308	S:00119909	1532			request 1
0405-95-0308	S:00119916	1532			request 1
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0405-95-0308	S:00119929	1532			request 1
0405-95-0308	S:00119947	1532			request 1
0405-95-0308	S:00119940	1532			request 1
0405-95-0308	S:00119949	1532			request 1
0405-95-0308	S:00119954	1532			request 1
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0405-95-0308	S:00119894	1532			request 1
0405-95-0308	S:00119892	1532			request 1
0405-95-0308	S:00119893	1532			request 1
0405-95-0308	S:00119946	1532			request 1
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0405-95-0308	S:00119923	1532			request 1
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0405-95-0308	S:00119919	1532			request 1
0405-95-0308	S:00119941	1532			request 1
0405-95-0308	S:00119928	1532			request 1
0405-95-0308	S:00119935	1532			request 1
0405-95-0308	S:00119910	1532			request 1
0405-95-0308	S:00119913	1532			request 1
0405-95-0308	S:00119899	1532			request 1
0405-95-0308	S:00119953	1532			request 1
0405-95-0308	S:00119901	1532			request 1
0405-95-0308	S:00119912	1532			request 1
0405-95-0308	S:00119896	1532			request 1
0405-95-0308	S:00119898	1532			request 1
0405-95-0308	S:00119908	1532			request 1
0405-95-0308	S:00119917	1532			request 1
[illegible]	[illegible]	1532			request 1

LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_CODE	MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_CODE	ANALYTE_NAME	PERCENT_MOISTURE
05-02076	81	91 cm	SED	SO	SO	SED	ORGANIC	95-47-6	Xylene(1,2-)	13
05-02076	81	91 cm	SED	SO	SO	SED	ORGANIC	108-38-3	Xylene(1,3-)	13
05-02077	0	15 cm	SED	SO	SO	SED	RAD	PU-238	Plutonium-238	
05-02077	0	15 cm	SED	SO	SO	SED	RAD	PU-239	Plutonium-239	
05-02077	0	15 cm	SED	SO	SO	SED	RAD	U-234	Uranium-234	
05-02077	0	15 cm	SED	SO	SO	SED	RAD	U-235	Uranium-235	
05-02077	0	15 cm	SED	SO	SO	SED	RAD	U-238	Uranium-238	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	AL	Aluminum	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	SB	Antimony	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	AS	Arsenic	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	BA	Barium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	BE	Beryllium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	CD	Cadmium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	CA	Calcium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	CR	Chromium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	CO	Cobalt	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	CU	Copper	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	FE	Iron	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	PB	Lead	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	MG	Magnesium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	MN	Manganese	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	HG	Mercury	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	NI	Nickel	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	K	Potassium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	SE	Selenium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	AG	Silver	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	NA	Sodium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	TL	Thallium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	V	Vanadium	
05-02077	0	15 cm	SED	SO	SO	SED	INORGANIC	ZN	Zinc	
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	83-32-9	Acenaphthene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	208-96-8	Acenaphthylene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	62-53-3	Aniline	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	120-12-7	Anthracene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	103-33-3	Azobenzene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	92-87-5	Benzidine	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	56-55-3	Benzo(a)anthracene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	50-32-8	Benzo(a)pyrene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	205-99-2	Benzo(b)fluoranthene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	191-24-2	Benzo(g,h,i)perylene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	207-08-9	Benzo(k)fluoranthene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	65-85-0	Benzoic Acid	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	100-51-6	Benzyl Alcohol	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	111-91-1	Bis(2-chloroethoxy)methane	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	111-44-4	Bis(2-chloroethyl)ether	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	117-81-7	Bis(2-ethylhexyl)phthalate	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	101-55-3	Bromophenyl-phenylether[4-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	85-68-7	Butylbenzylphthalate	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	86-74-8	Carbazole	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	59-50-7	Chloro-3-methylphenol[4-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	106-47-8	Chloroaniline[4-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	91-58-7	Chloronaphthalene[2-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	95-57-8	Chlorophenol[2-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	7005-72-3	Chlorophenyl-phenyl[4-] Ether	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	218-01-9	Chrysene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	84-74-2	Di-n-butylphthalate	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	117-84-0	Di-n-octylphthalate	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	53-70-3	Dibenz(a,h)anthracene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	132-64-9	Dibenzofuran	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	95-50-1	Dichlorobenzene[1,2-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	541-73-1	Dichlorobenzene[1,3-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	106-46-7	Dichlorobenzene[1,4-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	91-94-1	Dichlorobenzidine[3,3-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	120-83-2	Dichlorophenol[2,4-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	84-66-2	Diethylphthalate	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	131-11-3	Dimethyl Phthalate	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	105-67-9	Dimethylphenol[2,4-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	534-52-1	Dinitro-2-methylphenol[4,6-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	51-28-5	Dinitrophenol[2,4-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	121-14-2	Dinitrotoluene[2,4-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	606-20-2	Dinitrotoluene[2,6-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	206-44-0	Fluoranthene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	86-73-7	Fluorene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	118-74-1	Hexachlorobenzene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	87-68-3	Hexachlorobutadiene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	77-47-4	Hexachlorocyclopentadiene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	67-72-1	Hexachloroethane	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	193-39-5	Indeno(1,2,3-cd)pyrene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	78-59-1	Isophorone	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	91-57-6	Methylnaphthalene[2-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	95-48-7	Methylphenol[2-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	106-44-5	Methylphenol[4-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	91-20-3	Naphthalene	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	88-74-4	Nitroaniline[2-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	99-09-2	Nitroaniline[3-]	9
05-02077	0	15 cm	SED	SO	SO	SED	ORGANIC	100-01-6	Nitroaniline[4-]	9

sample_id	SEQ_NUM	REQUEST_NUM	LAB_RPT_NUM	FIELD_PREP	PRS	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_CODE	MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_CODE	ANALYTE_NAME	PERCENT_MOISTURE
0405-95-0308	S:00119937	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	85-01-8	Phenanthrene	9
0405-95-0308	S:00119889	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	108-95-2	Phenol	9
0405-95-0308	S:00119943	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	129-00-0	Pyrene	9
0405-95-0308	S:00119886	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	110-86-1	Pyridine	9
0405-95-0308	S:00119907	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene(1,2,4-)	9
0405-95-0308	S:00119915	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	95-95-4	Trichlorophenol(2,4,5-)	9
0405-95-0308	S:00119914	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	88-06-2	Trichlorophenol(2,4,6-)	9
0405-95-0308	S:00121542	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	67-64-1	Acetone	9
0405-95-0308	S:00121529	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	71-43-2	Benzene	9
0405-95-0308	S:00121504	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	108-86-1	Bromobenzene	9
0405-95-0308	S:00121522	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	74-97-5	Bromochloromethane	9
0405-95-0308	S:00121533	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-27-4	Bromodichloromethane	9
0405-95-0308	S:00121500	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-25-2	Bromoform	9
0405-95-0308	S:00121537	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	74-83-9	Bromomethane	9
0405-95-0308	S:00121549	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	78-93-3	Butanone(2-)	9
0405-95-0308	S:00121515	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	104-51-8	Butylbenzene(n-)	9
0405-95-0308	S:00121511	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	135-98-8	Butylbenzene(sec-)	9
0405-95-0308	S:00121509	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	98-06-6	Butylbenzene(tert-)	9
0405-95-0308	S:00121544	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-15-0	Carbon Disulfide	9
0405-95-0308	S:00121526	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	56-23-5	Carbon Tetrachloride	9
0405-95-0308	S:00121495	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	108-90-7	Chlorobenzene	9
0405-95-0308	S:00121493	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	124-48-1	Chlorodibromomethane	9
0405-95-0308	S:00121538	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-00-3	Chloroethane	9
0405-95-0308	S:00121523	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	67-66-3	Chloroform	9
0405-95-0308	S:00121551	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	74-87-3	Chloromethane	9
0405-95-0308	S:00121506	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	95-49-8	Chlorotoluene(2-)	9
0405-95-0308	S:00121508	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	106-43-4	Chlorotoluene(4-)	9
0405-95-0308	S:00121517	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	96-12-8	Dibromo-3-Chloropropane(1,2-)	9
0405-95-0308	S:00121494	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	106-93-4	Dibromoethane(1,2-)	9
0405-95-0308	S:00121532	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	74-95-3	Dibromomethane	9
0405-95-0308	S:00121516	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	95-50-1	Dichlorobenzene(1,2-)	9
0405-95-0308	S:00121512	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	541-73-1	Dichlorobenzene(1,3-)	9
0405-95-0308	S:00121514	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	106-46-7	Dichlorobenzene(1,4-)	9
0405-95-0308	S:00121550	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-71-8	Dichlorodifluoromethane	9
0405-95-0308	S:00121547	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-34-3	Dichloroethane(1,1-)	9
0405-95-0308	S:00121528	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	107-06-2	Dichloroethane(1,2-)	9
0405-95-0308	S:00121540	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-35-4	Dichloroethene(1,1-)	9
0405-95-0308	S:00121548	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	156-59-2	Dichloroethene(cis-1,2-)	9
0405-95-0308	S:00121546	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	156-60-5	Dichloroethene(trans-1,2-)	9
0405-95-0308	S:00121531	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	78-87-5	Dichloropropane(1,2-)	9
0405-95-0308	S:00121492	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	142-28-9	Dichloropropane(1,3-)	9
0405-95-0308	S:00121525	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	594-20-7	Dichloropropane(2,2-)	9
0405-95-0308	S:00121527	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	563-58-6	Dichloropropene(1,1-)	9
0405-95-0308	S:00121534	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	10061-01-5	Dichloropropene(cis-1,3-)	9
0405-95-0308	S:00121488	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	10061-02-6	Dichloropropene(trans-1,3-)	9
0405-95-0308	S:00121497	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	100-41-4	Ethylbenzene	9
0405-95-0308	S:00121519	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	87-68-3	Hexachlorobutadiene	9
0405-95-0308	S:00121490	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	591-78-6	Hexanone(2-)	9
0405-95-0308	S:00121543	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	74-88-4	Iodomethane	9
0405-95-0308	S:00121501	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	98-82-8	Isopropylbenzene	9
0405-95-0308	S:00121513	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	99-87-6	Isopropyltoluene(4-)	9
0405-95-0308	S:00121535	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	108-10-1	Methyl-2-pentanone(4-)	9
0405-95-0308	S:00121545	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-09-2	Methylene Chloride	9
0405-95-0308	S:00121520	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene	9
0405-95-0308	S:00121505	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	103-65-1	Propylbenzene(1-)	9
0405-95-0308	S:00121499	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	100-42-5	Styrene	9
0405-95-0308	S:00121496	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	630-20-6	Tetrachloroethane(1,1,1,2-)	9
0405-95-0308	S:00121503	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	79-34-5	Tetrachloroethane(1,1,2,2-)	9
0405-95-0308	S:00121553	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	127-18-4	Tetrachloroethene	9
0405-95-0308	S:00121536	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	108-88-3	Toluene	9
0405-95-0308	S:00121541	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	76-13-1	Trichloro-1,2,2-trifluoroethane(1,1,2-)	9
0405-95-0308	S:00121521	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	87-61-6	Trichlorobenzene(1,2,3-)	9
0405-95-0308	S:00121518	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene(1,2,4-)	9
0405-95-0308	S:00121524	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	71-55-6	Trichloroethane(1,1,1-)	9
0405-95-0308	S:00121489	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	79-00-5	Trichloroethane(1,1,2-)	9
0405-95-0308	S:00121530	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	79-01-6	Trichloroethene	9
0405-95-0308	S:00121539	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-69-4	Trichlorofluoromethane	9
0405-95-0308	S:00121502	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	96-18-4	Trichloropropane(1,2,3-)	9
0405-95-0308	S:00121510	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	95-63-6	Trimethylbenzene(1,2,4-)	9
0405-95-0308	S:00121507	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	108-67-8	Trimethylbenzene(1,3,5-)	9
0405-95-0308	S:00121552	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	75-01-4	Vinyl Chloride	9
0405-95-0308	S:00121498	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	95-47-6	Xylene(1,2-)	9
0405-95-0308	S:00121491	1532			request 1	05-02077	0	15	cm	SED	SO	SED	ORGANIC	108-38-3	Xylene(1,3-)	9
0405-95-0309	S:00123159	1533			request 1	05-02077	0	15	cm	SED	SO	SED	RAD	PU-238	Plutonium-238	
0405-95-0309	S:00123180	1533			request 1	05-02077	61	91	cm	SED	SO	SED	RAD	PU-239	Plutonium-239	
0405-95-0309	S:00123249	1533			request 1	05-02077	61	91	cm	SED	SO	SED	RAD	U-234	Uranium-234	
0405-95-0309	S:00123250	1533			request 1	05-02077	61	91	cm	SED	SO	SED	RAD	U-235	Uranium-235	
0405-95-0309	S:00123251	1533			request 1	05-02077	61	91	cm	SED	SO	SED	RAD	U-238	Uranium-238	
0405-95-0309	S:00123055	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	AL	Aluminum	
0405-95-0309	S:00123056	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	SB	Antimony	
0405-95-0309	S:00123057	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	AS	Arsenic	
0405-95-0309	S:00123058	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	BA	Barium	
0405-95-0309	S:00123059	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	BE	Beryllium	
0405-95-0309	S:00123060	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	CD	Cadmium	
[illegible]	[illegible]	[illegible]			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	CA	Calcium	
						05-02077	61	91	cm	SED	SO	SED	INORGANIC	CR	Chromium	

sample_id	SEQ_NUM	REQUEST_NUM	LAB_RPT_NUM	FIELD_PREP	PRS	LOCATION_ID	BEGIN_DEPTH	END_DEPTH	DEPTH_UNITS	FLD_MATRIX_CODE	MATRIX	MEDIA_CODE	RFI_CLASS	ANALYTE_CODE	ANALYTE_NAME	PERCENT_MOISTURE
0405-95-0309	S00123070	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	K	Potassium	
0405-95-0309	S00123071	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	SE	Selenium	
0405-95-0309	S00123072	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	AG	Silver	
0405-95-0309	S00123073	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	NA	Sodium	
0405-95-0309	S00123074	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	TL	Thallium	
0405-95-0309	S00123075	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	V	Vanadium	
0405-95-0309	S00123076	1533			request 1	05-02077	61	91	cm	SED	SO	SED	INORGANIC	ZN	Zinc	
0405-95-0309	S00119993	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	83-32-9	Acenaphthene	3
0405-95-0309	S00119991	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	208-96-8	Acenaphthylene	3
0405-95-0309	S00119958	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	62-53-3	Aniline	3
0405-95-0309	S00120009	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	120-12-7	Anthracene	3
0405-95-0309	S00120002	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	103-33-3	Azobenzene	3
0405-95-0309	S00120013	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	92-87-5	Benzidine	3
0405-95-0309	S00120018	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	56-55-3	Benzo(a)anthracene	3
0405-95-0309	S00120023	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	50-32-8	Benzo(a)pyrene	3
0405-95-0309	S00120021	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	205-99-2	Benzo(b)fluoranthene	3
0405-95-0309	S00120026	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	191-24-2	Benzo(g,h,i)perylene	3
0405-95-0309	S00120022	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	207-08-9	Benzo(k)fluoranthene	3
0405-95-0309	S00119977	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	65-85-0	Benzoic Acid	3
0405-95-0309	S00119965	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	100-51-6	Benzyl Alcohol	3
0405-95-0309	S00119975	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	111-91-1	Bis(2-chloroethoxy)methane	3
0405-95-0309	S00119960	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	111-44-4	Bis(2-chloroethyl)ether	3
0405-95-0309	S00120019	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	117-81-7	Bis(2-ethylhexyl)phthalate	3
0405-95-0309	S00120005	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	101-55-3	Bromophenyl-phenylether(4-)	3
0405-95-0309	S00120015	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	85-68-7	Butylbenzylphthalate	3
0405-95-0309	S00120010	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	86-74-8	Carbazole	3
0405-95-0309	S00119982	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	59-50-7	Chloro-3-methylphenol(4-)	3
0405-95-0309	S00119980	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	106-47-8	Chloroaniline(4-)	3
0405-95-0309	S00119987	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	91-58-7	Chloronaphthalene(2-)	3
0405-95-0309	S00119961	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	95-57-8	Chlorophenol(2-)	3
0405-95-0309	S00120000	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	7005-72-3	Chlorophenyl-phenyl(4-) Ether	3
0405-95-0309	S00120018	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	218-01-9	Chrysene	3
0405-95-0309	S00120011	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	84-74-2	Di-n-butylphthalate	3
0405-95-0309	S00120020	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	117-84-0	Di-n-octylphthalate	3
0405-95-0309	S00120025	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	53-70-3	Dibenz(a,h)anthracene	3
0405-95-0309	S00119998	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	132-64-9	Dibenzofuran	3
0405-95-0309	S00119964	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	95-50-1	Dichlorobenzene(1,2-)	3
0405-95-0309	S00119962	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	541-73-1	Dichlorobenzene(1,3-)	3
0405-95-0309	S00119963	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	106-46-7	Dichlorobenzene(1,4-)	3
0405-95-0309	S00120017	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	91-94-1	Dichlorobenzidine(3,3'-)	3
0405-95-0309	S00119976	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	120-83-2	Dichlorophenol(2,4-)	3
0405-95-0309	S00119998	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	84-66-2	Diethylphthalate	3
0405-95-0309	S00119989	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	131-11-3	Dimethyl Phthalate	3
0405-95-0309	S00119974	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	105-67-9	Dimethylphenol(2,4-)	3
0405-95-0309	S00120003	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	534-52-1	Dinitro-2-methylphenol(4,6-)	3
0405-95-0309	S00119994	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	51-28-5	Dinitrophenol(2,4-)	3
0405-95-0309	S00119997	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	121-14-2	Dinitrotoluene(2,4-)	3
0405-95-0309	S00119990	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	606-20-2	Dinitrotoluene(2,6-)	3
0405-95-0309	S00120012	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	206-44-0	Fluoranthene	3
0405-95-0309	S00119999	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	86-73-7	Fluorene	3
0405-95-0309	S00120006	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	118-74-1	Hexachlorobenzene	3
0405-95-0309	S00119981	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	87-68-3	Hexachlorobutadiene	3
0405-95-0309	S00119984	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	77-47-4	Hexachlorocyclopentadiene	3
0405-95-0309	S00119970	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	67-72-1	Hexachloroethane	3
0405-95-0309	S00120024	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	193-39-5	Indeno(1,2,3-cd)pyrene	3
0405-95-0309	S00119972	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	78-59-1	Isophorone	3
0405-95-0309	S00119983	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	91-57-6	Methylnaphthalene(2-)	3
0405-95-0309	S00119967	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	95-48-7	Methylphenol(2-)	3
0405-95-0309	S00119969	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	106-44-5	Methylphenol(4-)	3
0405-95-0309	S00119979	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	91-20-3	Naphthalene	3
0405-95-0309	S00119988	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	88-74-4	Nitroaniline(2-)	3
0405-95-0309	S00119992	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	99-09-2	Nitroaniline(3-)	3
0405-95-0309	S00120001	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	100-01-6	Nitroaniline(4-)	3
0405-95-0309	S00119971	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	98-95-3	Nitrobenzene	3
0405-95-0309	S00119973	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	88-75-5	Nitrophenol(2-)	3
0405-95-0309	S00119995	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	100-02-7	Nitrophenol(4-)	3
0405-95-0309	S00119968	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	621-64-7	Nitroso-di-n-propylamine(N-)	3
0405-95-0309	S00119957	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	62-75-9	Nitrosodimethylamine(N-)	3
0405-95-0309	S00120004	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	86-30-6	Nitrosodiphenylamine(N-)	3
0405-95-0309	S00119986	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	108-60-1	Oxybis(1-chloropropane)(2,2'-)	3
0405-95-0309	S00120007	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	87-86-5	Pentachlorophenol	3
0405-95-0309	S00120008	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	85-01-8	Phenanthrene	3
0405-95-0309	S00119959	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	108-95-2	Phenol	3
0405-95-0309	S00120014	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	129-00-0	Pyrene	3
0405-95-0309	S00119956	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	110-86-1	Pyridine	3
0405-95-0309	S00119978	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	120-82-1	Trichlorobenzene(1,2,4-)	3
0405-95-0309	S00119986	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	95-95-4	Trichlorophenol(2,4,5-)	3
0405-95-0309	S00119985	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	88-06-2	Trichlorophenol(2,4,6-)	3
0405-95-0309	S00121594	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	67-64-1	Acetone	3
0405-95-0309	S00121609	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	71-43-2	Benzene	3
0405-95-0309	S00121589	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	108-86-1	Bromobenzene	3
0405-95-0309	S00121602	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	74-97-5	Bromochloromethane	3
0405-95-0309	S00121613	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	75-27-4	Bromodichloromethane	3
0405-95-0309	S00121565	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	75-25-2	Bromoform	3
0405-95-0309	S00121569	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	74-83-9	Bromomethane	3
0405-95-0309	S00121601	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	78-93-3	Butanone(2-)	3
0405-95-0309	S00121580	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	104-51-8	Butylbenzene(n-)	3
0405-95-0309	S00121576	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	135-98-8	Butylbenzene(sec-)	3
0405-95-0309	S00121574	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	98-06-6	Butylbenzene(tert-)	3
0405-95-0309	S00121598	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	75-15-0	Carbon Disulfide	3
0405-95-0309	S00121606	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	56-23-5	Carbon Tetrachloride	3
0405-95-0309	S00121559	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	108-90-7	Chlorobenzene	3
0405-95-0309	S00121557	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	124-48-1	Chlorodibromomethane	3
0405-95-0309	S00121590	1532			request 1	05-02077	61	91	cm	SED	SO	SED	ORGANIC	75-00-3	Chloroethane	3

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