

Criteria Summary and Priorities for Incorporation of Sediment Quality Data Sets

Study ID	Report Title	Geographic Location	Report Date	No. of Samples	Primary Criteria Met	Concerns or Comments	Priority
59	Results of Physical, Chemical, And Bioassay Testing of Sediments Collected From The Los Angeles River Estuary	LA River Estuary	9/1/1998	5	All	All primary and secondary criteria met.	First
01	Physical, Chemical, And Bioassay Analyses of Dredge Sediments From Pier J And The East Channel In Long Beach Harbor	Long Beach Harbor	3/17/1992	3	All	Station coordinates must be extracted from a figure. One bioassay reference test failed statistically.	First
61	Report of Testing of Sediments Collected From Marina Del Rey, CA	Marina del Rey	2/1/1998	5	All	Reference sediment did not pass two solid phase bioassay tests; test sediment bioassay results compared to control sediment. Grain size reported for only one sample.	First
41	Results of Chemical, Physical, And Bioassay Testing of Sediments For Maintenance Dredging At Berths 212-215 Port of Los Angeles	POLA	7/18/2000	6	All	Solid phase control survival was 88% (less than criteria of 90%), and reference survival was 84%. Test sediment survival was statistically compared to reference sediment.	First
49	Results of Chemical, Physical, And Bioassay Testing of Sediments For Maintenance Dredging At Berths 263-264, Port of Los Angeles	POLA	1/4/2000	6	All	Bioassay results of test sediments statistically compared to reference sediment. Reference sediment survival was 86% for one bioassay.	First
31	Results of Chemical, Physical, And Bioassay Testing of Sediments for Maintenance Dredging At Berths 148-151 Port of Los Angeles	POLA	1/1/2000	5	All	Control failed survival requirement for one bioassay test.	First
33	Results of Chemical, Physical, And Bioassay Testing of Sediments For Maintenance Dredging At Berths 167-169 Port of Los Angeles	POLA	1/1/2000	5	All	All primary criteria met; no outstanding data quality issues.	First
12	Results of Physical, Chemical, And Bioassay Testing of Sediments Collected From The Watchorn Basin In The Port of Los Angeles	POLA	10/1/1998	12	All	All primary criteria met; no outstanding data quality issues.	First

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48	Results of Physical, Chemical, And Bioassay Testing of Sediments Collected From Berths 261-262 In Fish Harbor In The Port of Los Angeles	POLA	10/1/1998	1	All	All primary criteria met; no outstanding data quality issues.	First
22	Evaluation of Maintenance Dredging Sediments, Berths 118-120, Port of Los Angeles	POLA	10/1/1997	1	All	Bioassay reference toxicant results not discussed but included in appendix.	First
53	Environmental Evaluation of Sediments For The Channel Deepening Program, Port of Los Angeles	POLA	9/1/1997	25	All	Test sediment bioassay results statistically compared to reference sediments.	First
25a	Final Report - Dredged Material Testing For Ocean Disposal Berth 121-126. Project Directive Number 12 Agreement No 1831	POLA	6/1/1997	2	All	All primary criteria met; no outstanding data quality issues.	First
25b	Final Report, Dredged Material Testing For Ocean Disposal Berth 191. Project Directive Number 11; Agreement No. 1831	POLA	5/1/1997	2	All	All primary criteria met; no outstanding data quality issues.	First
44	Chemical Analysis And Toxicity Evaluation of Sediments Proposed For Maintenance Dredging And Ocean Disposal. Berths 233-236. Port of Los Angeles. Directive IIa.	POLA	1/1/1997	12	All	All primary criteria met; no outstanding data quality issues.	First
30b	Final Report Dredged Material Testing For Ocean Disposal Berth 147 Project Directive Number 10, Agreement No 1831	POLA	12/1/1996	16	All	Control failed in bulk sediment shrimp and worm bioassays.	First
42	Chemical Analysis And Toxicity Evaluation of Sediments Proposed For Maintenance Dredging And Ocean Disposal. Berths 216-221, Port of Los Angeles.	POLA	11/1/1996	12	Most	Primary criteria not met - no discussion of QA/QC review of chemistry or bioassay data was included.	First
30	Final Report Dredged Material Testing For Ocean Disposal Berth 144 Project Directive Number 9, Agreement No 1931	POLA	10/1/1996	18	All	All primary criteria met; no outstanding data quality issues.	First
45	Chemical Analysis And Toxicity Evaluation of Sediments Proposed For Maintenance Dredging And Ocean Disposal Berths 237-239, Port of Los Angeles. Directive IIIa.	POLA	10/1/1996	6	All	Bioassay test sediments statistically compared to reference.	First

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20	Chemical Analysis And Toxicity Evaluation of Sediments Proposed For Dredging And Ocean Disposal. West Basin Entrance Widening	POLA	9/1/1995	8	Most	Only primary criteria not met - QA/Q for sediment and bioassay data not reviewed.	First
14	Final Report Dredge Material Testing Results For Ocean Disposal Berths 45-47	POLA	8/1/1995	2	All	Coordinates of stations based on Port of Los Angeles Coordinate System- will require conversion. Tests of statistical significance not performed on test sediment with high survival (assumed not statistically significant).	First
36	Final Report, Dredged Material Testing For Ocean Disposal Berths 187-190, Project Directive Number 2, Agreement No. 1831	POLA	8/1/1995	8	All	Reference sediment used for statistical comparison, but survival was only 83% in amphipod bioassay test.	First
26	Final Report, Dredged Material Testing For Ocean Disposal Berths 127-131. Project Directive Number 3; Agreement Number 1831	POLA	8/1/1995	1	All	All primary criteria met; no outstanding data quality issues.	First
28	Technical Evaluation of Environmental Impact Potential For Proposed Ocean Disposal of Dredged Material From Berths 145, 146, And 121-122 West Basin In Los Angeles Harbor	POLA	5/1/1994	3	All	Station coordinates provided in figures. QA/QC review of chemistry data was not performed. Survival in control and reference for one bioassay was 88%.	First
35	Results of Biological And Chemical Testing of Sediments From Berths 174 Through 176 Port of Los Angeles	POLA	12/1/1993	2	All	Coordinates must be extracted from a figure. Reference soil for two solid phase bioassay tests were 70% and 81% and statistical comparisons were made between the reference and test sediments.	First
29b	Results of Chemical, Physical, And Bioassay Analysis of Sediments For Maintenance Dredging At Berth 142 In The Port of Los Angeles	POLA	11/1/1992	1	All	Station coordinates must be extracted from a figure.	First
29	Results of Chemical, Physical, And Bioassay Analysis On Sediments For Maintenance Dredging At Berth 143-144 In The Port of Los Angeles River	POLA	10/1/1992	3	All	Uncertainty in station coordinates extracted from hand-drawn figure.	First

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10	Final Report Pier S Realignment And Dredging Project Contract HD-5951	POLB	3/1/2000	5	All	Coordinates provided for only two sites. Survival for one bioassay test control was 76%, reference was 96%.	First
09	Results of Physical, Chemical, And Bioassay Testing of Sediments From Channel Two In The Port of Long Beach	POLB	12/1/1999	12	All	All primary criteria met; no outstanding data quality issues.	First
08	Results of Chemical, Physical, And Bioassay Testing of Sediments Collected From The West Basin, Port of Long Beach	POLB	7/1/1999	12	All	Raw toxicity test data/QA in appendices not provided.	First
03	Chemical Analysis And Toxicity Evaluation of Sediments At Berths J266-270, Port of Long Beach	POLB	12/1/1997	2	Most	Only QA/QC of chemistry and bioassay criteria not met - information not specified in documentation.	First
04	Results of Chemical, Physical, And Bioassay Testing For Port of Long Beach Berths J245-247	POLB	8/27/1997	6	All	Control failed on one bioassay test but the reference passed, all test samples greater % survival than control.	First
05a	Sediment Testing For Proposed West Basin Dredging, Port of Long Beach (Subareas I, II, III, VI, VII)	POLB	8/14/1996	5	All	Limited QA/QC review of bioassay data. Complex study design. Raw data of bioassay results not provided.	First
02	Results of Chemical, Physical, And Bioassay Testing For Port of Long Beach Berths 88-94 (sampling 11/94)	POLB	3/15/1995	4	All	Chemical analyses were not conducted on control and reference sediments. Some water quality parameters were exceeded for bioassay testing and one control failed.	First
New-9	Disposal Alternatives For Sediments Tested For The Los Angeles District Army Corps of Engineers, Los Angeles Harbor	LA Harbor	7/1/1995	7	Some remaining	Bioassays were not conducted. Contains chemical analysis of cores archived from a previous sampling effort. Coordinates must be extracted from a figure. New study.	Second
New-4	Sediment Sampling And Analysis For Sediment Characterizations. Los Angeles River Estuary.	LA River Estuary	4/14/1995	20	Some remaining	Bioassays were not conducted. No documentation in report of QA/QC review or procedures. New study.	Second
New-3	Report of Testing of Sediments Collected From Marina Del Rey Harbor, CA (No bioassay)	Marina del Rey	3/1/1998	6	Most remaining	Bioassays were not conducted. New study.	Second

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Sorted by priority, geographic location, and then report date; comments expand upon the description of the primary criteria met. Remaining primary criteria refers to criteria not related to bioassay. New Study in comments indicates those studies not on Table 1.

Study ID	Report Title	Geographic Location	Report Date	No. of Samples	Primary Criteria Met	Concerns or Comments	Priority
New-8	Navy/POLB GIS Project (electronic data only)	Navy				Not yet reviewed (require hard copy report). Current version of data has no bioassay. New study.	Second
New-2	Final Report, Tier II Sediment Testing Results, Port of Los Angeles Berths 127-131	POLA	5/1/1997	1	Some remaining	Bioassays were not conducted. QA/QC review of chemistry data was not performed. New study.	Second
54	Chemical Analysis And Evaluation of Sediments, Stage 1 Pier 400, Main Channel, Borrow Area. Directive VII Final Report	POLA	11/1/1996	4	All remaining	Bioassays were not conducted.	Second
13	Final Report Chemistry Results For Sediment Adjacent To Berths 40-44	POLA	8/1/1995	6	All remaining	Bioassays were not conducted. Station coordinates must be extracted from a figure.	Second
47	Final Report, Chemistry Results For Berths 258-259 Project Directive Number 4, Agreement No. 1831	POLA	8/1/1995	2	All remaining	Bioassays were not conducted.	Second
11	Final Report, Chemistry Results For Berth 35 Project Directive Number 6; Agreement No. 1831	POLA	8/1/1995	2	All remaining	Bioassays were not conducted. Coordinates for each station have to be taken from a figure.	Second
New-7	Preliminary Testing Program Portwide Maintenance Dredging Directive 1 - Task 2.4	POLA	11/1/1993	68	Most remaining	Bioassays were not conducted. Report appears to be draft (w/comments). New study.	Second
39	Technical Evaluation of Environmental Impact Potential For Proposed Ocean Disposal of Dredged Material From Berth 200X (Island Yacht Anchorage 2) In Los Angeles Harbor	POLA	8/1/1991	2	Most	Coordinates must be extracted from a figure. One bioassay test did not pass required survival in control of 90%: control was 74% and reference was 60%. Older study.	Second
38	Technical Evaluation of Environmental Impact Potential For Proposed Ocean Disposal of Dredged Material From Berth 200-I (Leeward Bay Marina) In Los Angeles Harbor	POLA	8/1/1991	3	Most	Coordinates must be extracted from a figure. Minimal field method documentation. Low survival in SPP bioassay control (74%) and reference (60%). Older study.	Second
New-5	Final Report: Sediment Testing For Maintenance Dredging Permit. Contract HD5951, Job Task 9801	POLB	6/1/1998	15	Most remaining	Bioassays were not conducted. New study.	Second

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07	Sediment Characterization In The West Basin, Port of Long Beach (samples Collected August 1996)	POLB	8/16/1996	38	All remaining	Bioassays were not conducted.	Second
05b	Sediment Testing For Proposed West Basin Dredging Port of Long Beach (Subareas IV And V)	POLB	8/14/1996	14	Most remaining	Bioassays not conducted. QA/QC review of chemistry data was not conducted.	Second
06	Sediment Characterization In The West Basin, Port of Long Beach	POLB	7/3/1996	40	All remaining	Bioassays were not conducted.	Second
New-1	Results of Chemical And Physical Testing For Port of Long Beach Berths 88-94 (sampling 9/95)	POLB	10/6/1995	5	Most remaining	Bioassays were not conducted. New study.	Second
New-6	Marina Del Rey Sediment Solid-phase Bioassay Feeding Report	Marina del Rey	3/1/1999	2	Some	No coordinates. Chemistry analyses were not performed. Holding times unclear. This is a feeding study in which sediments from control site, reference site, and two sites were treated to alter the TOC concentrations. New study.	Third (Not Recommended)
55b	Results of Chemical Testing of Sediments From Seaplane Lagoon, Port of Los Angeles	POLA	9/16/1993	2	Some remaining	Bioassays were not conducted. Poor quality hand-drawn station map, unsure if coordinates are obtainable.	Third (Not Recommended)
55a	Results of Chemical Testing of Sediments From Seaplane Lagoon, Port of Los Angeles	POLA	8/31/1993	1	Some remaining	Bioassays were not conducted. Poor quality hand-drawn station map, unsure if coordinates are obtainable.	Third (Not Recommended)
40	Chemical Analysis of Sediments And Elutriates Prepared From Sediments Proposed For Dredging From Berths 206-209 In Los Angeles Harbor.	POLA	10/1/1992	8	Some remaining	Bioassays were not conducted. Coordinates provided in a poor quality figure. Older study.	Third (Not Recommended)
43	Technical Evaluation of Environmental Impact Potential For Proposed Ocean Disposal of Dredged Material From Berths 229-232 In Los Angeles Harbor	POLA	3/1/1990	1	Some	Study conducted more than 10 years ago. Coordinates must be extracted from a figure.	Third (Not Recommended)

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23	Technical Evaluation of Environmental Impact Potential For Proposed Ocean Disposal of Dredged Material From Berths 118-121 In Los Angeles Harbor	POLA	2/1/1990	2	Some	Samples collected more than 10 years ago. Coordinates shown approximately in a figure. Poor description of field methods. Chemical data appendices are incomplete and methods are based on an older testing manual. Bioassay control survival < samples.	Third (Not Recommended)
51	Technical Evaluation of Environmental Impact Potential For Proposed Ocean Disposal of Dredged Material From Berth 256 Fire Station 111 In Los Angeles Harbor	POLA	2/1/1990	3	Some	Study conducted more than 10 years ago. Coordinates must be extracted from a figure.	Third (Not Recommended)
57	Appendix Only.	Los Angeles Harbor				Data not reviewed - need main report.	z_N/A
32	SAP Only (no data)	POLA					z_N/A
18	SAP Only (no data)	POLA					z_N/A