

Administrative Record Index
Case: Castro Cove Natural Resource Damage Assessment and Restoration, California

Record	Author	Date	Title	Description
1	Natural Resource Trustee Agencies	11/22/08	Chevron/Castro Cove Draft Damage Assessment and Restoration Plan/Environmental Assessment	The subject document for public review and comment, supported by this administrative record
2	URS Corporation	5/17/99	Draft Sediment Characterization and Tier I Ecological Risk Assessment for Castro Cove. Prepared for Chevron Products Company, Richmond, California.	Remedial Investigations
3	URS Corporation	2002	Tier II Sediment Characterization and Ecological Risk Assessment Castro Cove. Prepared for Chevron Products Company, Richmond, California.	Remedial Investigations
4	Bechtel Environmental/ Dames & Moore	1996	Sediment and biological characterization for Skeet Hill	Remedial Investigations
5	URS Corporation	2002a	Additional sediment characterization and risk evaluation: Skeet Hill. Prepared for Chevron Products Company, Richmond, California.	Remedial Investigations
6	Entrix, Inc.	1/18/06	Sediment concentrations of mercury in regional (SFEI) and Castro Cove (Tier 1) data – A basis of establishing reference or background conditions.	Draft Technical Memorandum
7	Entrix, Inc.	1/18/06	A Summary of Potential Restoration Projects in and around the City of Richmond	Draft Technical Memorandum
8	Entrix, Inc.	2/22/06	Risk Assessment Approach for HEA.	Draft Technical Memorandum
9	Entrix, Inc.	2/23/06	Estimation of historical sediment chemical concentration in Castro Cove.	Draft Technical Memorandum
10	Entrix, Inc.	2/23/06	Models of injury assessment for the estimation of benthic service losses in Castro Cove.	Draft Technical Memorandum
11	Entrix, Inc.	2/23/06	Regional background chemical concentrations for Castro Cove.	Draft Technical Memorandum
12	Entrix, Inc.	2/23/06	Spatial extent of potential service losses in Castro Cove.	Draft Technical Memorandum

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13	Entrix, Inc.	3/9/06	Additional models for the estimation of benthic mortality in Castro Cove.	Draft Technical Memorandum
14	Entrix, Inc.	3/20/06	Preliminary Hazard Quotient Risk Estimation to Wildlife for Castro Cove.	Draft Technical Memorandum
15	Entrix, Inc.	4/13/06	Preliminary estimation of discounted service-acre-year (DSAYs) losses in Castro Cove.	Draft Technical Memorandum
16	Entrix, Inc.	5/22/06	Risk and Injury Assessment to Fish in Castro Cove.	Draft Technical Memorandum
17	Entrix, Inc.	6/21/06	Risk to shorebirds and waterfowl from lead pellet ingestion at Skeet Hill in Castro Cove.	Draft Technical Memorandum
18	Field, LJ, DD MacDonald, SB Norton, CG Ingersoll, CG Severn, D Smorong, and R Lindskoog.	2002	Predicting amphipod toxicity from sediment chemistry using logistic regression models. Environmental Toxicology and Chemistry 21:1993–2005.	Scientific Literature
19	Ducks Unlimited	2008	Draft Environmental Impact Statement/Environmental Impact Report, Cullinan Ranch Restoration Project, Solano and Napa Counties, California. Prepared for U.S. Fish and Wildlife Service and California Department of Fish and Game	Cullinan Ranch EIS/EIR
20	Battelle and Entrix	2002	Draft Remedial Investigation Report: Skeet Range (Alameda Point, formerly Alameda Naval Air Station). Appendix D.1: Draft Skeet Range Probability Model Parameter Proposal	Remedial Investigation
21	Birge, WJ, JA Black, AG Westerman, and JE Hudson	1979	The effects of mercury on reproduction of fish and amphibians. <i>In</i> : JO Nriagu (ed.) The Biogeochemistry of Mercury in the Environment, Elsevier/North-Holland Biomedical Press, New York	Scientific Literature
22	Beckvar, N, TM Dillon, and LB Read.	2005	Approaches for linking whole body fish tissue residues of mercury or DDT to biological effects	Scientific Literature

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			thresholds. Environmental Toxicology and Chemistry 24:2094-2105	
23	California Department of Toxic Substances Control	2000	HERD EcoNOTE4: Use of Navy/U.S. Environmental Protection Agency (USEPA) Region 9 Biological Technical Assistance Group (BTAG) Toxicity Reference Values (TRVs) for Ecological Risk Assessment.	Relevant study
24	Snarski, VM and GF Olson.	1982	Chronic toxicity and bioaccumulation of mercuric chloride in the fathead minnow (<i>Pimephales promelas</i>). Aquatic Toxicology 2:143–156.	Scientific Literature
25	Tetra Tech EM, Inc.	2000	Final Offshore Areas Ecological Risk Assessment, Mare Island, Vallejo, California, Volume 2. Prepared for U.S. Department of the Navy. Contract No. N62474-94-D-7609 Task Order No. 082.	Relevant study
26	Trustee Agencies, City of Richmond, State and Federal Elected Officials	2007	Correspondence with Elected Officials.	Series of letters to and from trustees, City of Richmond, and State and federal elected officials
27	NOAA	2002	Hylebos Waterway Natural Resource Damage Settlement Proposal Report. Appendix F: Equating Contaminant-Related Ecological Service Losses and Restoration-Generated Service Gains for the Hylebos Waterway Using Habitat Equivalency Analysis. www.darrp.noaa.gov/northwest/cbay/admin.html	Injury Assessment
28	U.S. Environmental Protection Agency, San Francisco, Calif. /S.F. Bay Regional Water Quality Control Board, Oakland, California.	1999	Goals Project. 1999. Baylands Ecosystem Habitat Goals. A report of habitat recommendations prepared by the San Francisco Bay Area Wetlands Ecosystem Goals Project. www.sfei.org/sfbaygoals/	Restoration Planning

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29	McKim, JM, GF Olson, GW Holcombe, and EP Hunt.	1976	Long-term effects of methylmercuric chloride on three generations of brook trout (<i>Salvelinus fontinalis</i>): toxicity, accumulation, distribution, and elimination. Journal Fisheries Research Board Canada 33:2726–2739	Scientific Literature
30	State of California Regional Water Quality Control Board San Francisco Bay Region	11/13/06	Resolution No. R2-2006-0077. Adoption of Mitigated Negative Declaration for the Chevron Products Company, Castro Cove Sediment Remediation Project, Richmond, Contra Costa County	Remediation
31	State of California Regional Water Quality Control Board San Francisco Bay Region	September 2006	Castro Cove Cleanup Project Fact Sheet	Remediation
32	State of California Regional Water Quality Control Board San Francisco Bay Region	September 2006	Draft Initial Study and Proposed Mitigated Negative Declaration, Castro Cove Sediment Remediation Project, Richmond, California	Remediation
33	P. Winfield, Ph.D. & Peggy L. Fiedler, Ph.D., Entrix	May 2006	Wildcat Marsh Site Visit	Summary of Observations on restoration potential
34	Chevron USA, Inc., U.S. Dept. of Interior, NOAA, CDFG OSPR	January 2006	Castro Cove Cooperative Assessment Agreement	
35	Ducks Unlimited	2007	Cullinan Ranch Phase 1 and Overall Cost Estimates	Letter and spreadsheets of cost estimates for Cullinan Ranch